

Figure 1. Block Diagram of an Embodiment  
of the Invention.

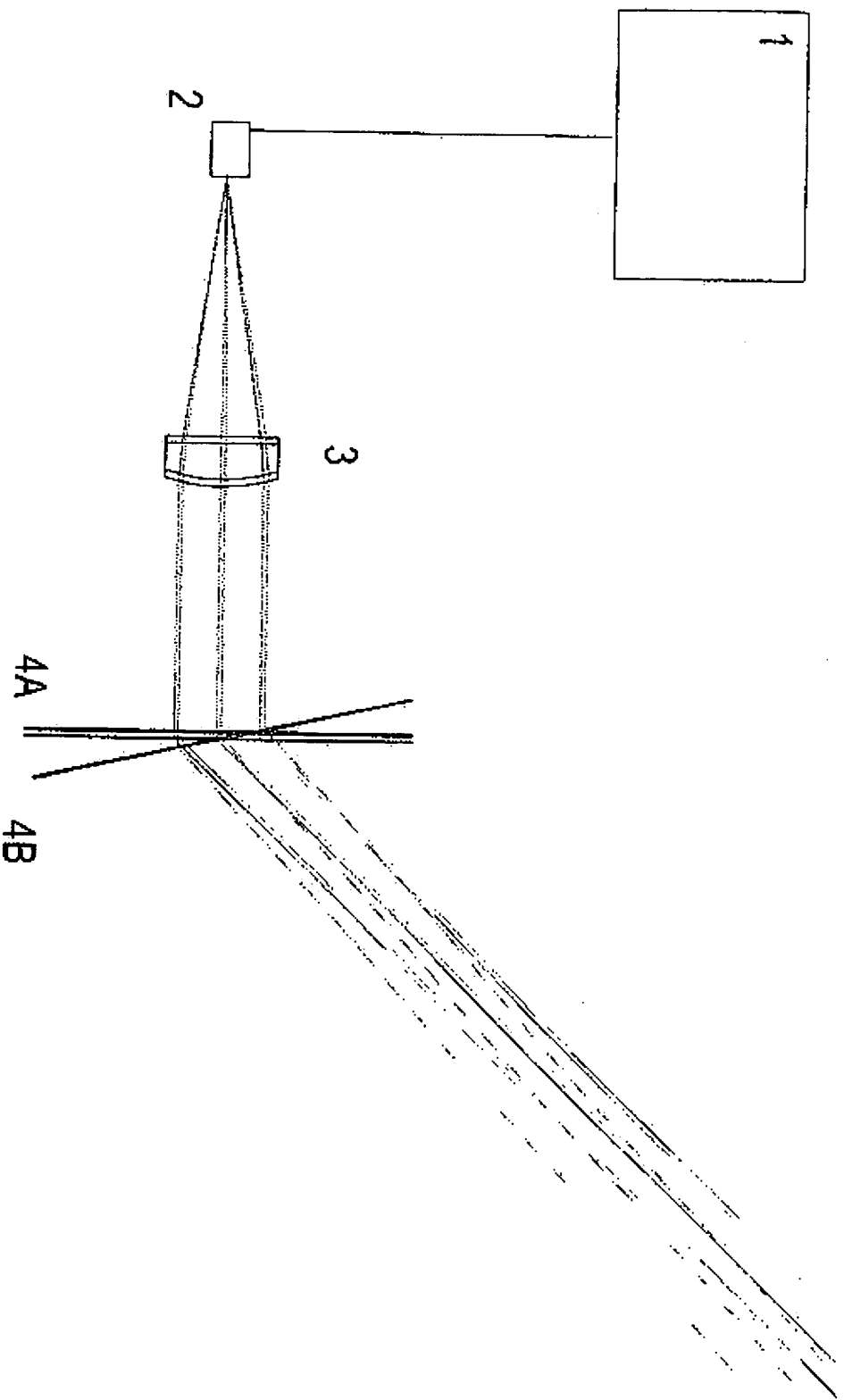


Figure 2. An interference Pattern as Produced by the Embodiment of Figure 1.



Figure 3. An Interference Pattern Produced by the Embodiment of Figure 1 in a Scattering Medium.



Figure 4. A Typical Cell Adhesion Molecule.

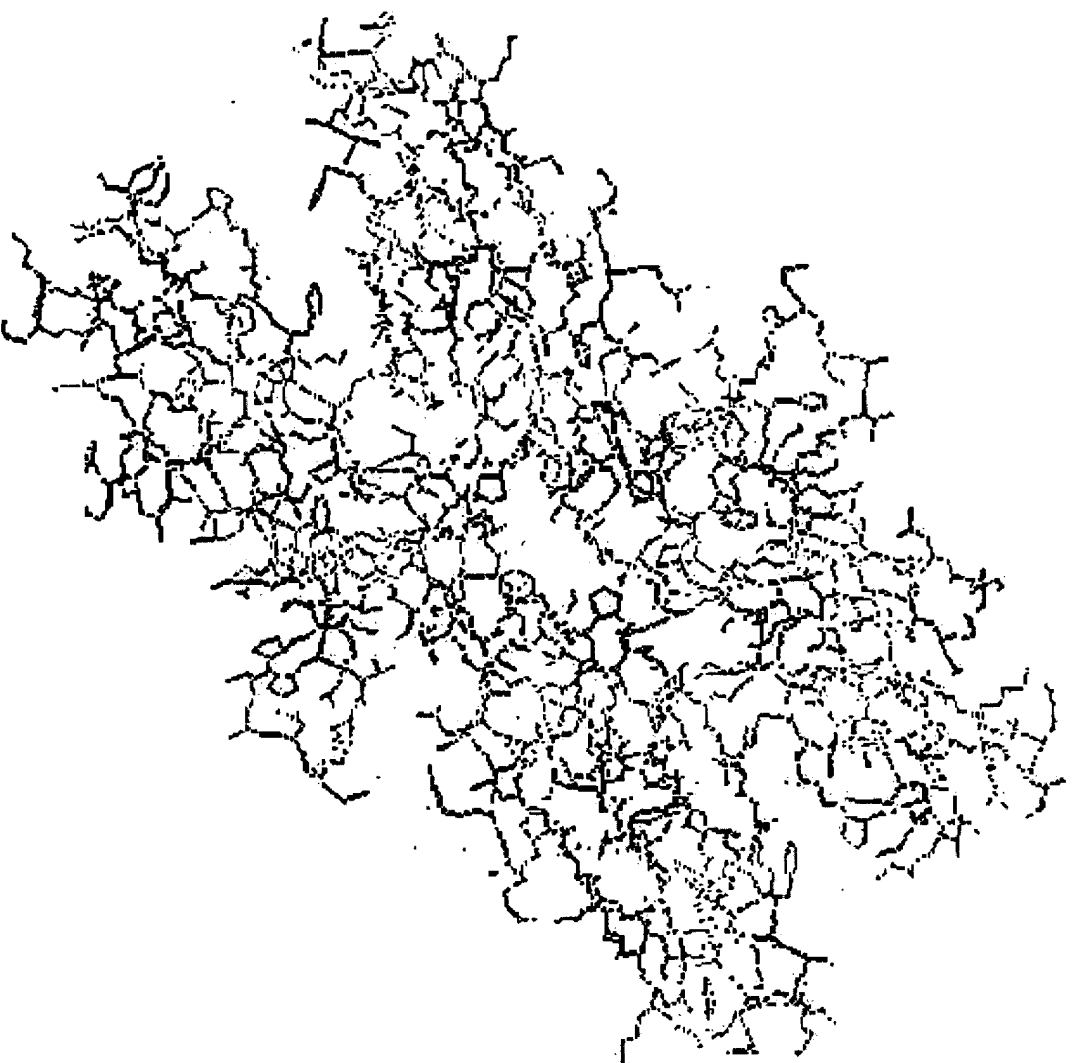


Figure 5. A Typical Cell Adhesion Molecule.

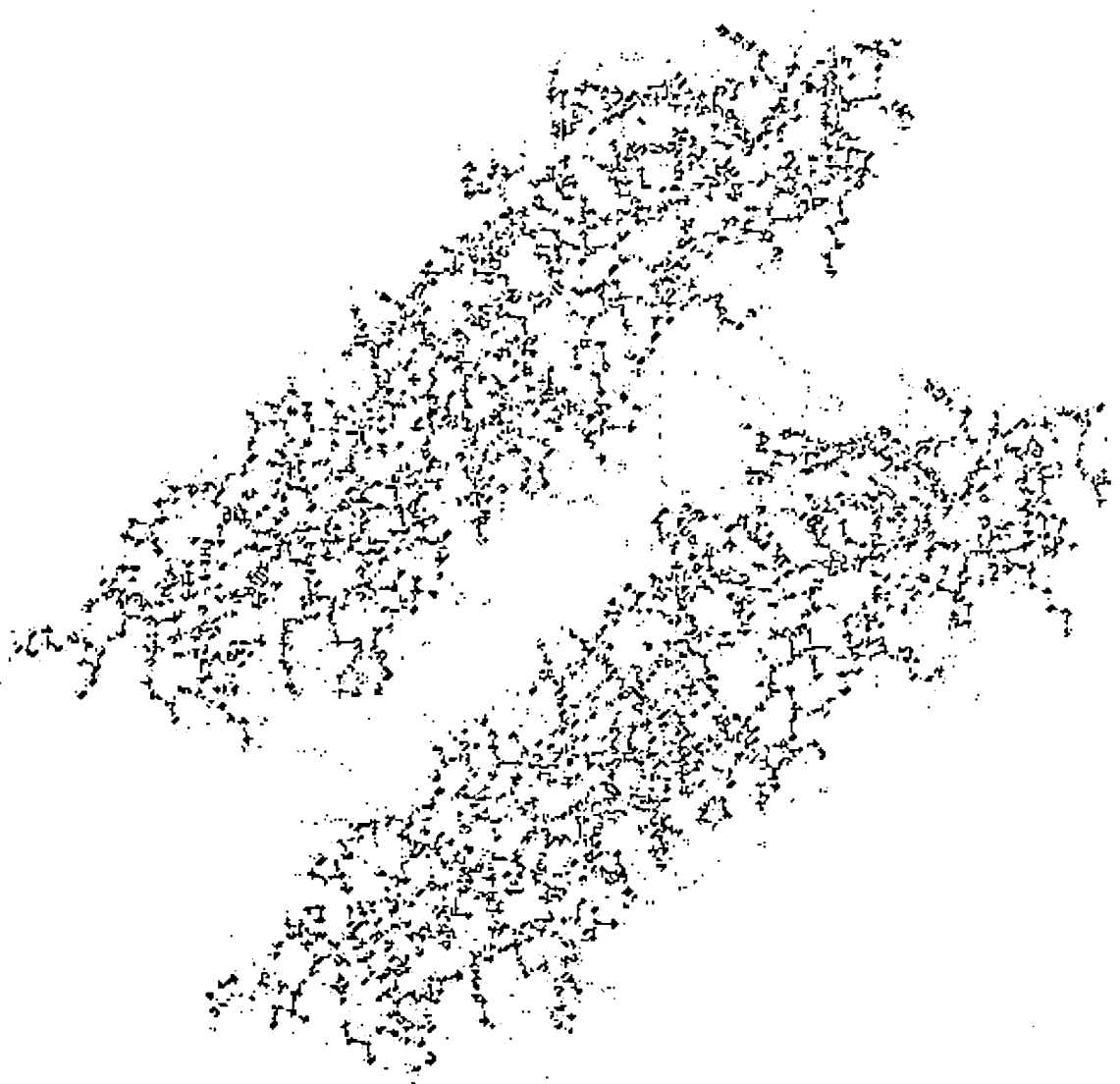


Figure 6. A Human Integrin Molecule With a  
Single Substantial High Q Resonance.

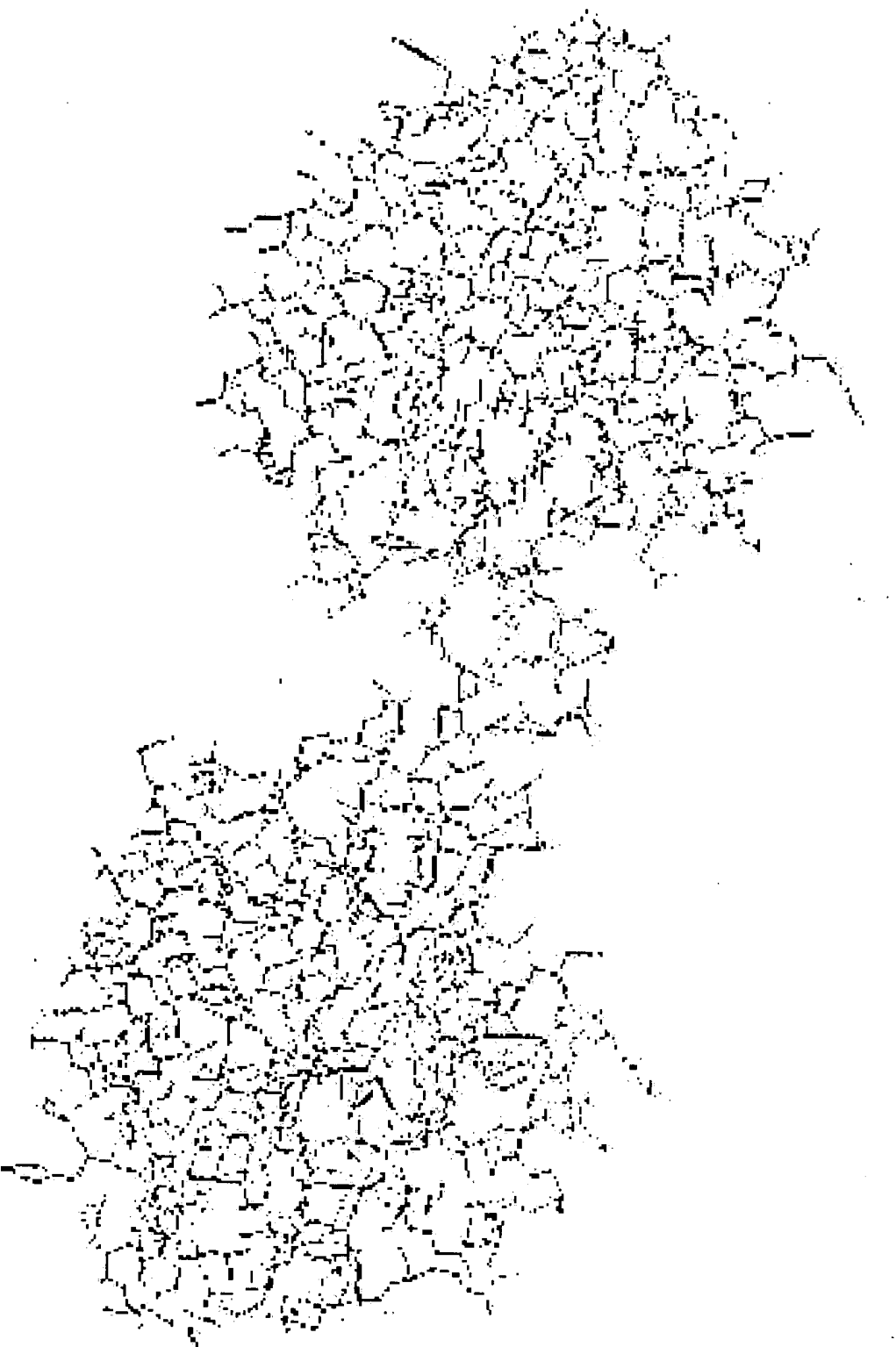


Figure 7. The Zinc Structure of the GAG  
Protein in the HIV Virus.

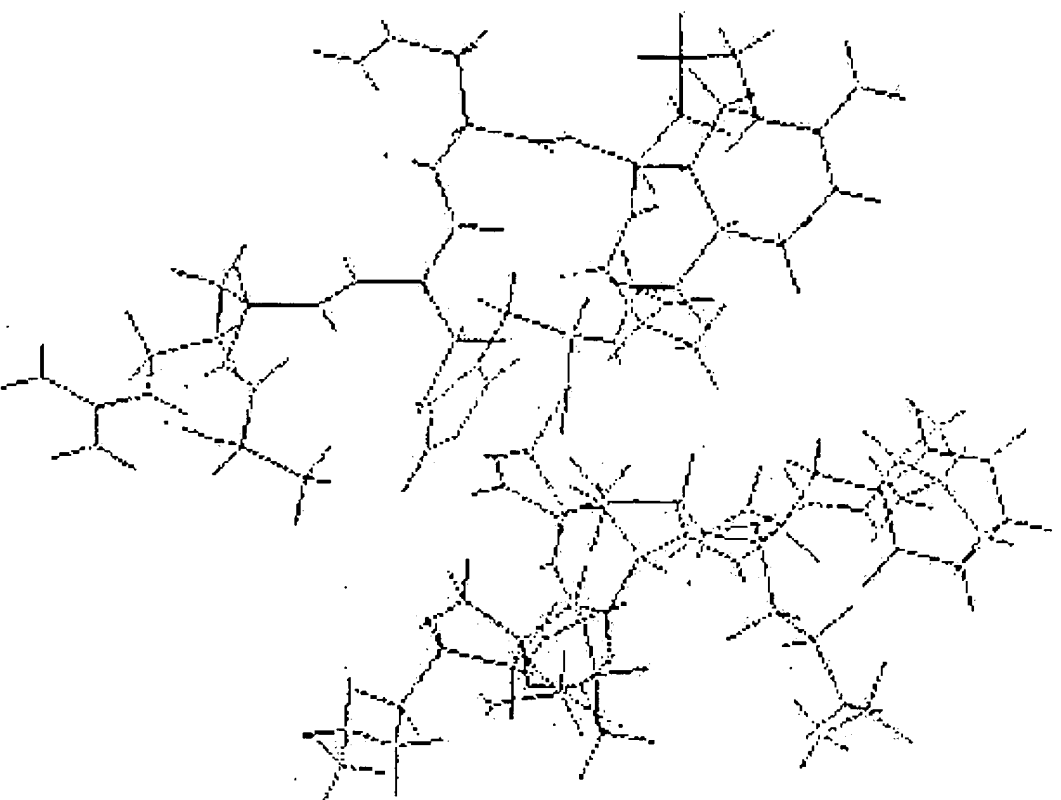


Figure 8. A typical Laser Diode Spectrum.

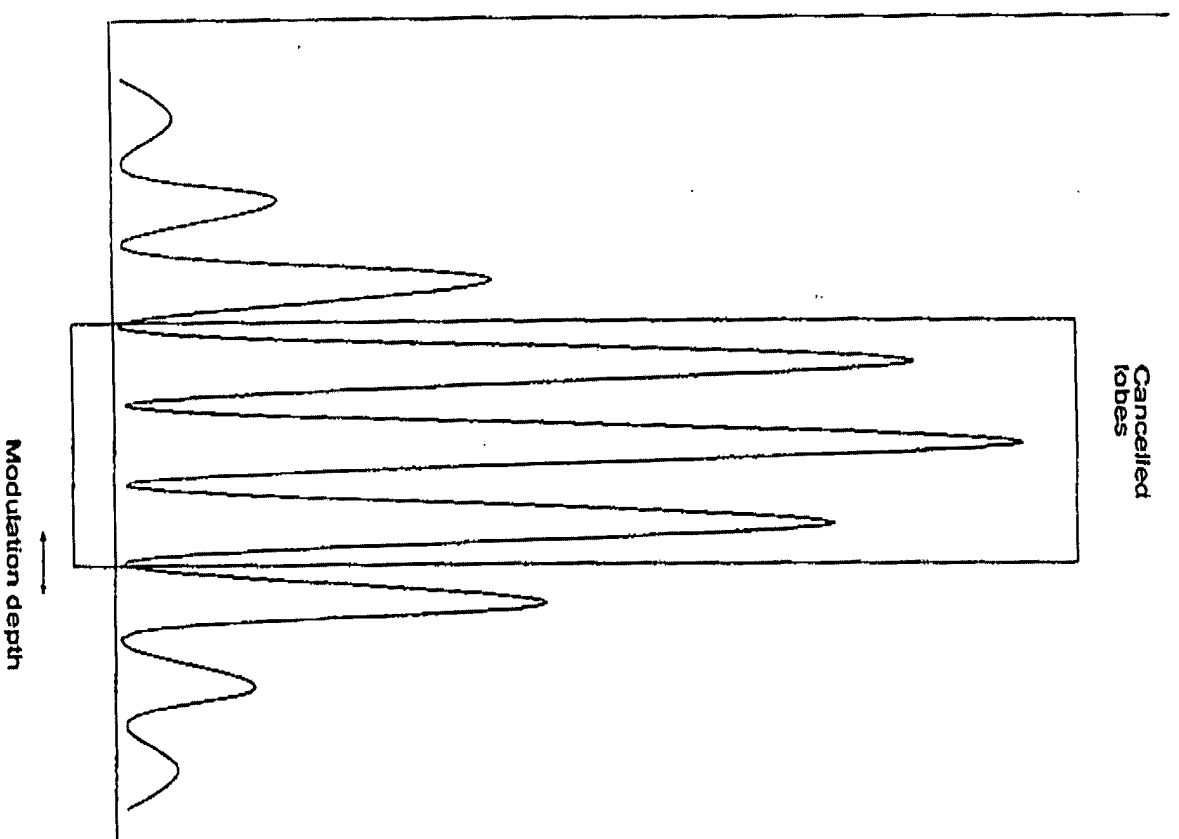




Figure 9A. XRPD Pattern for Control  
Simvastatin Sample Sim1A.

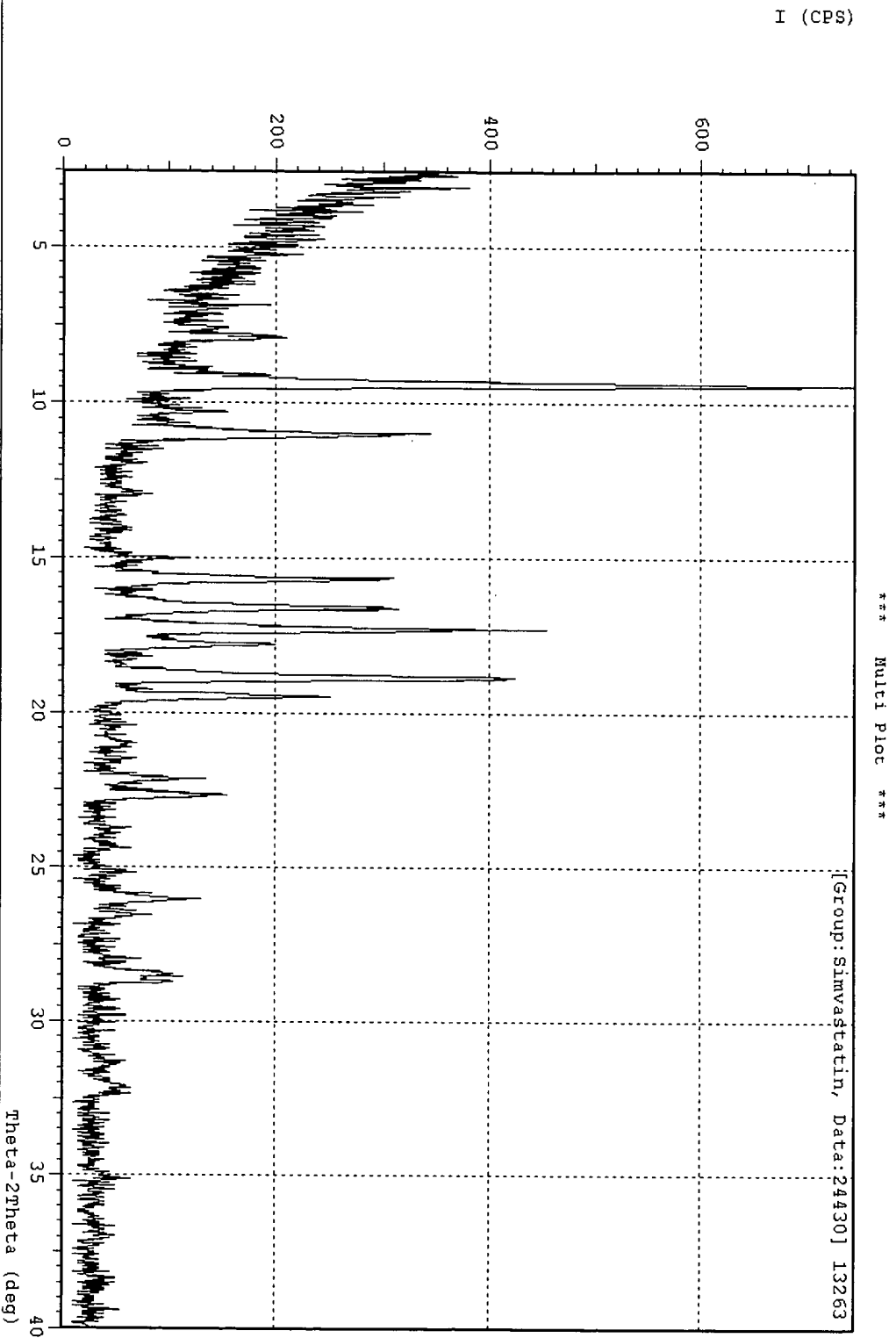


Figure 9B. XRPD Pattern for Laser Treated  
Simvastatin Sample Sim1B.

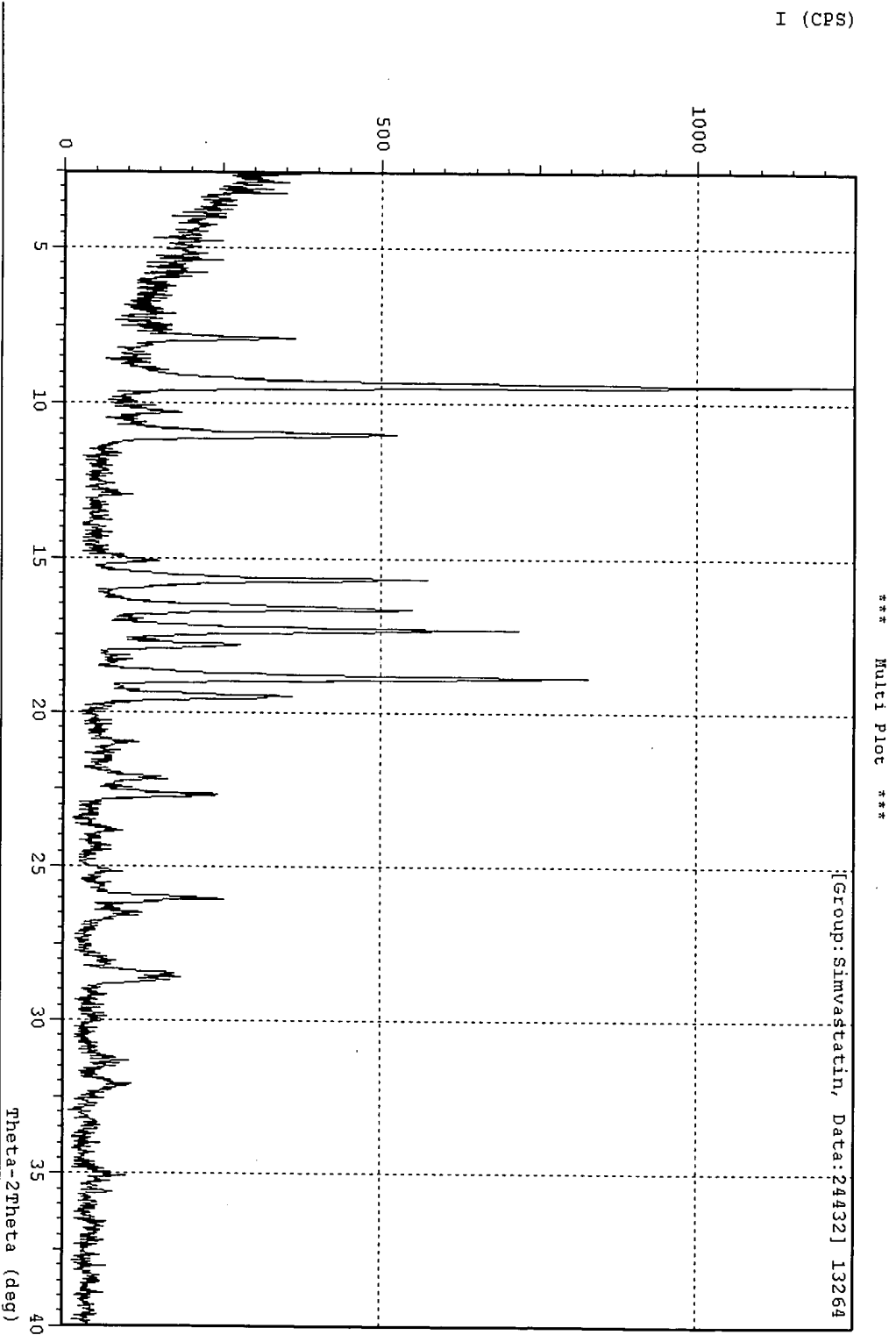


Figure 10A. XRPD Pattern for Laser Treated  
Simvastatin Sample Sim2A.

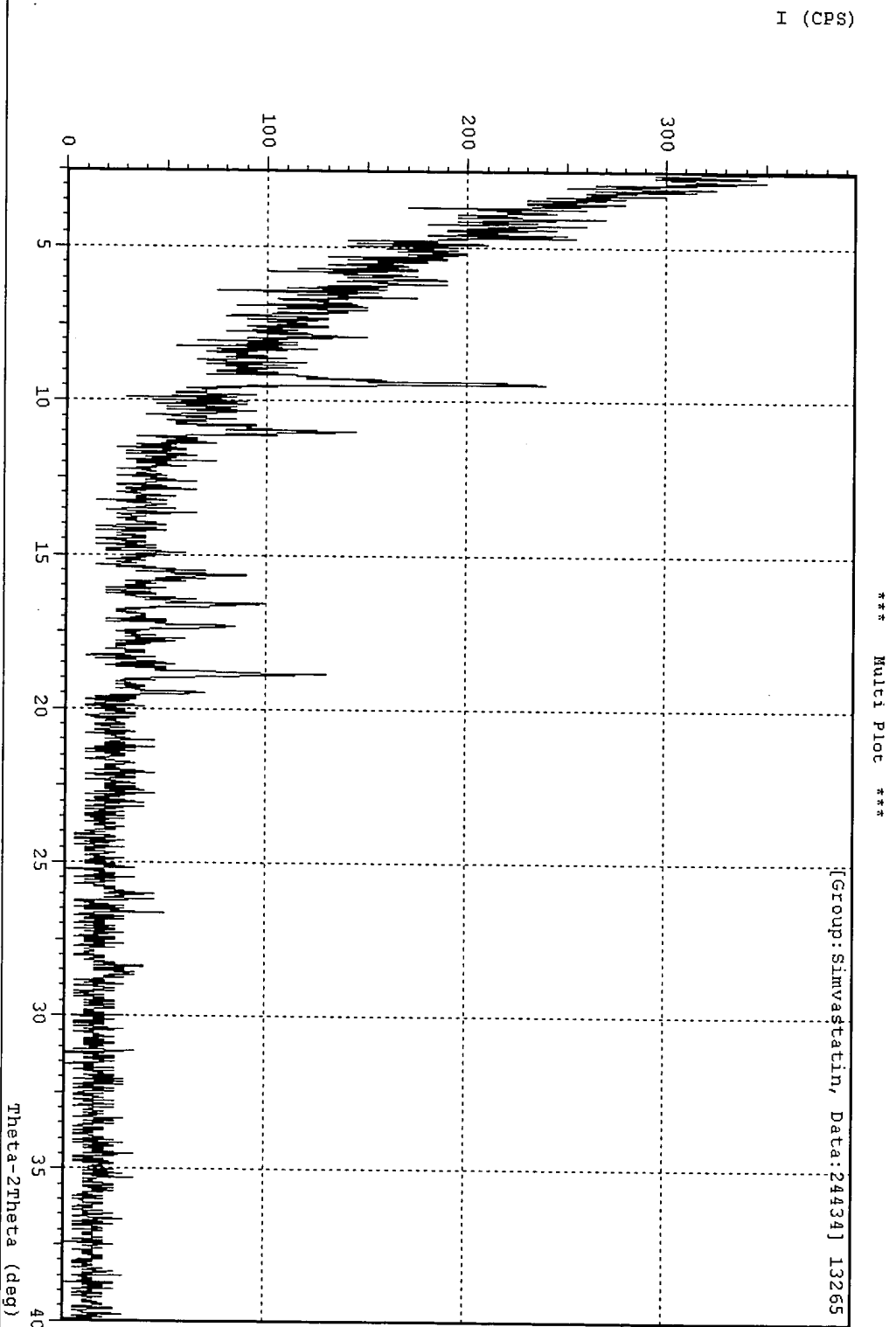


Figure 10B. XRPD Pattern for Laser Treated  
Simvastatin Sample Sim2B.

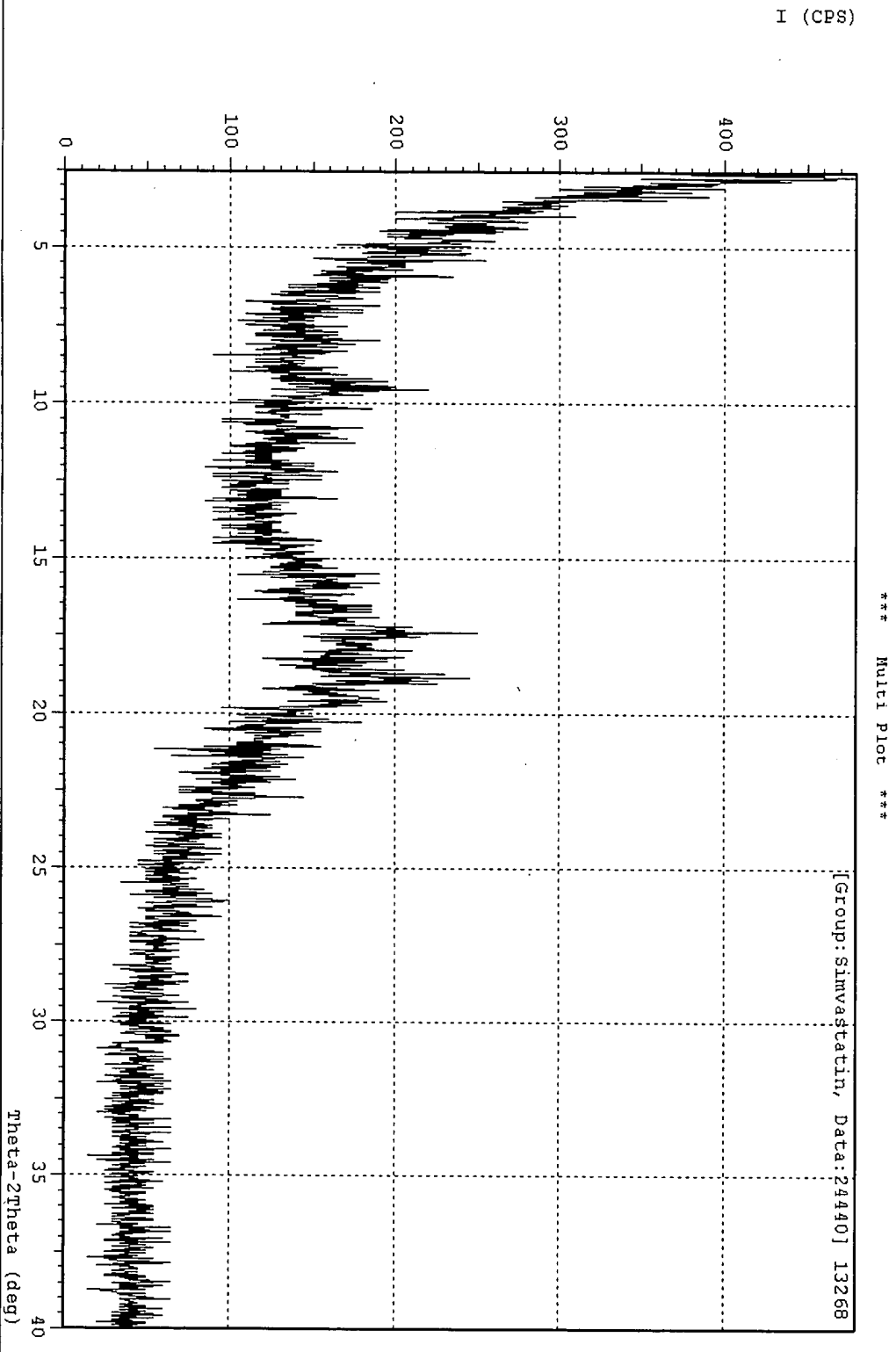


Figure 11A. Frontal and Lateral Photomicrographs of Control Untreated L-arginine Hydrochloride Monohydrate.

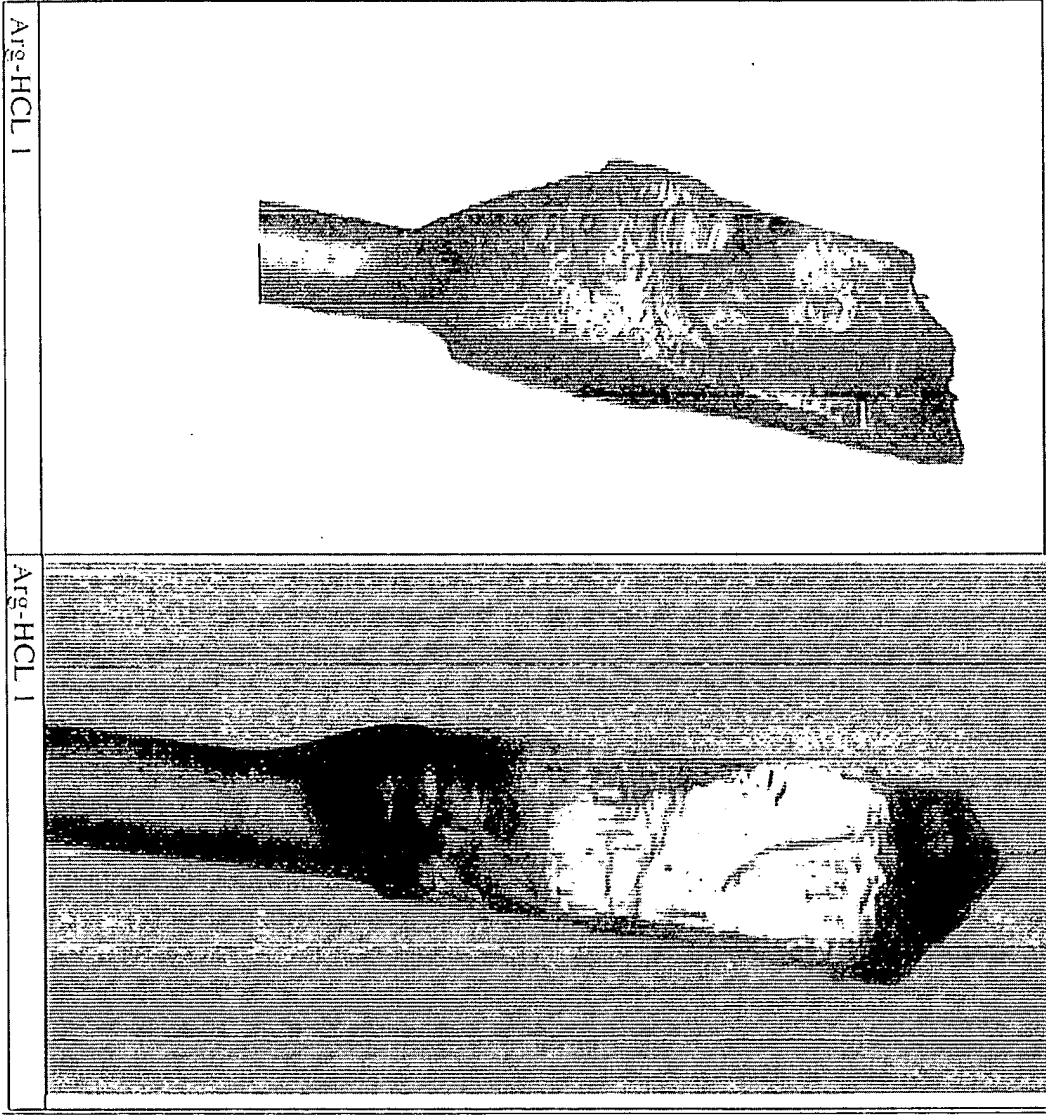


Figure 11B. Frontal and Lateral Photomicrographs of Laser Treated Anhydrous L-arginine Hydrochloride.

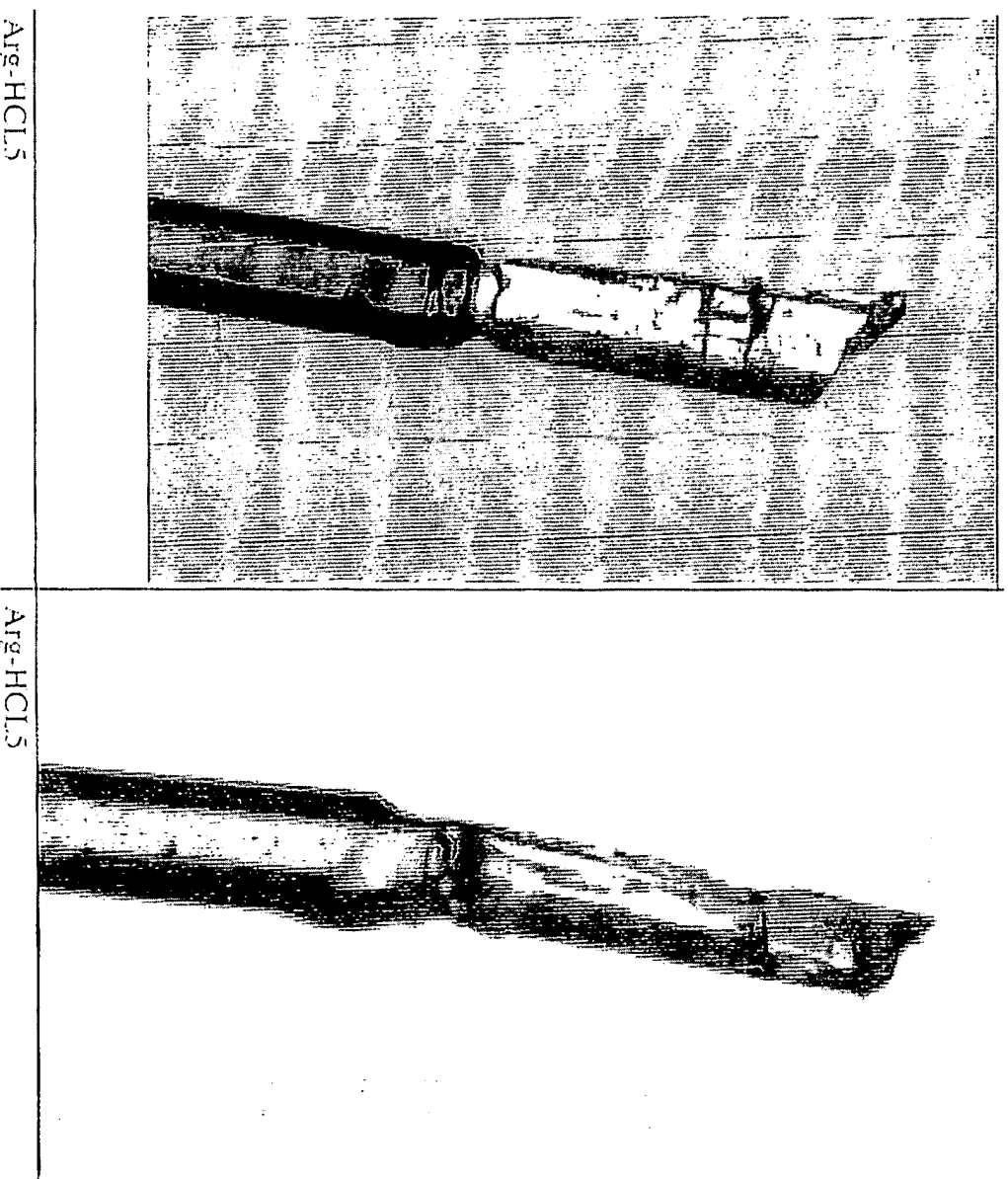


Figure 11C. X-ray Crystallography of Laser  
Treated Anhydrous L-arginine Hydrochloride.

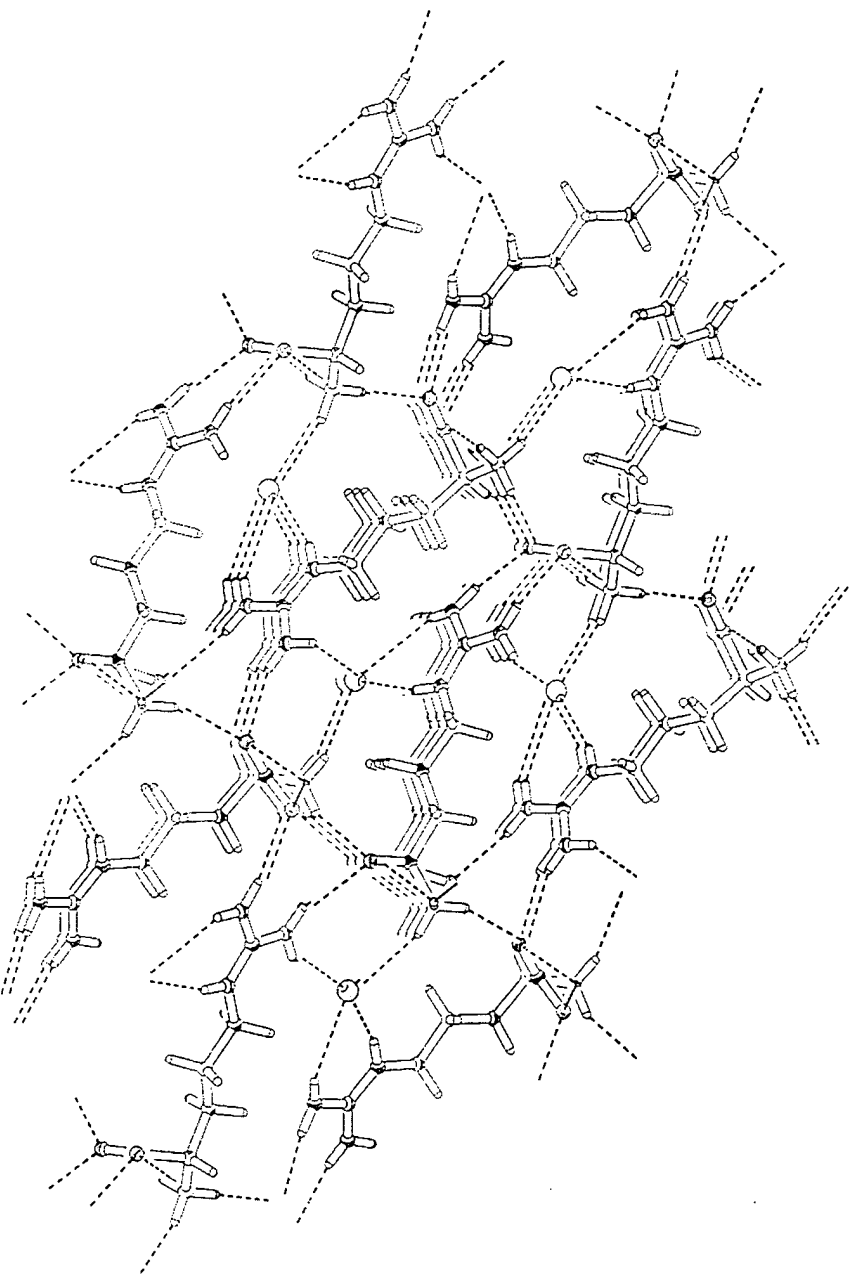


Figure 12A. QEEG Study of Baseline Alpha  
Brainwave Coherence

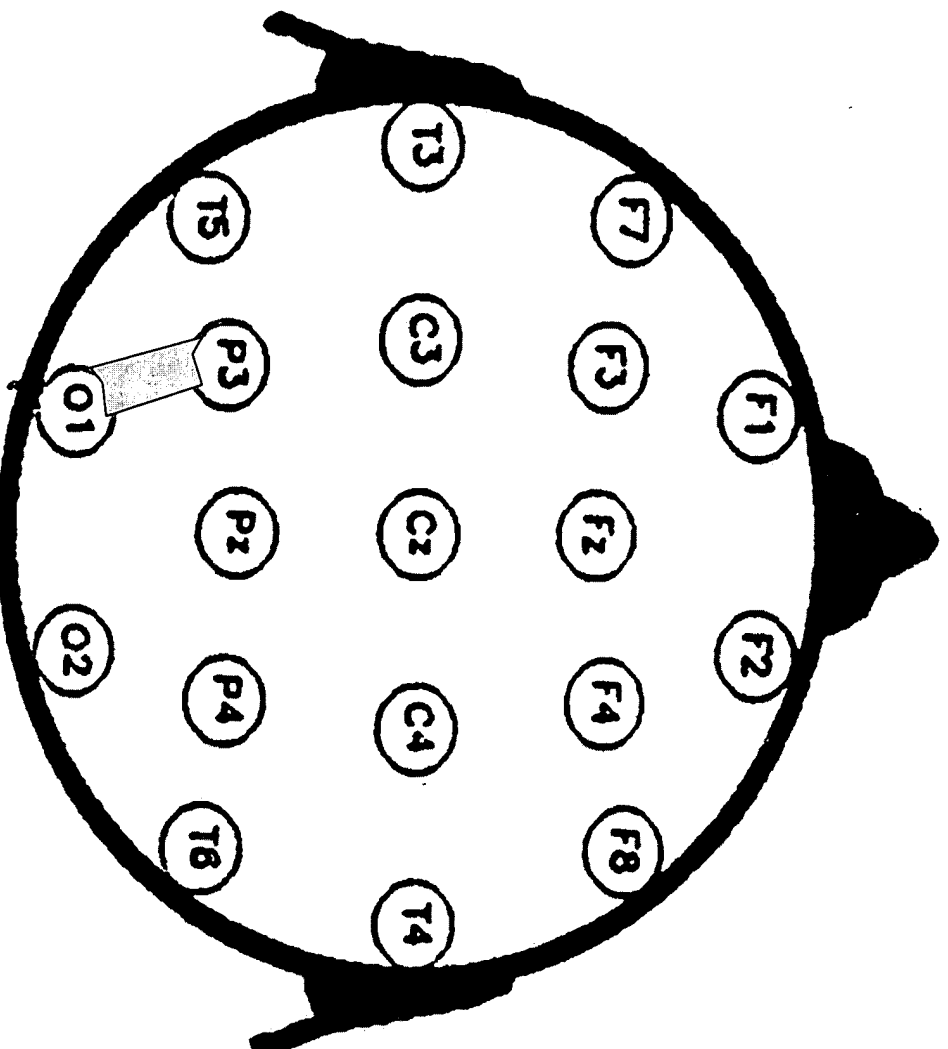




Figure 12B. QEEG of Alpha Brainwave Coherence One Hour after Ingestion of Untreated Amino Acids

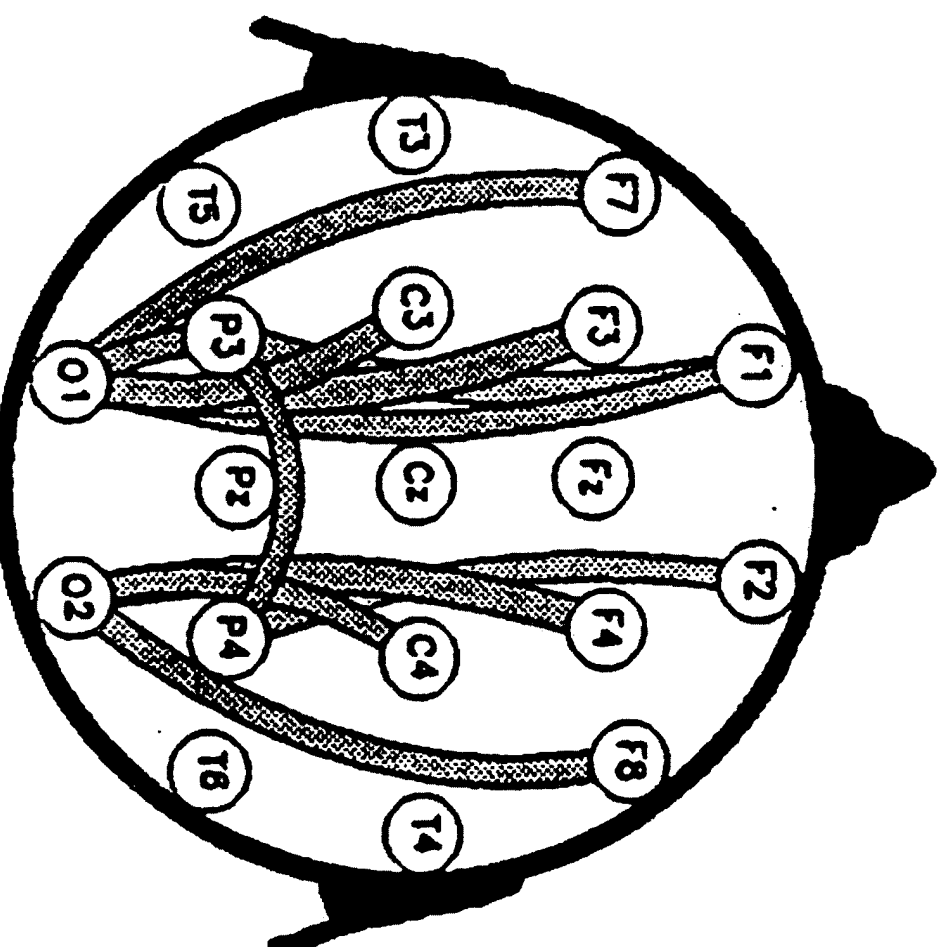


Figure 12C. QEEG of Alpha Brainwave Coherence One Hour after Ingestion of Laser Treated Amino Acids

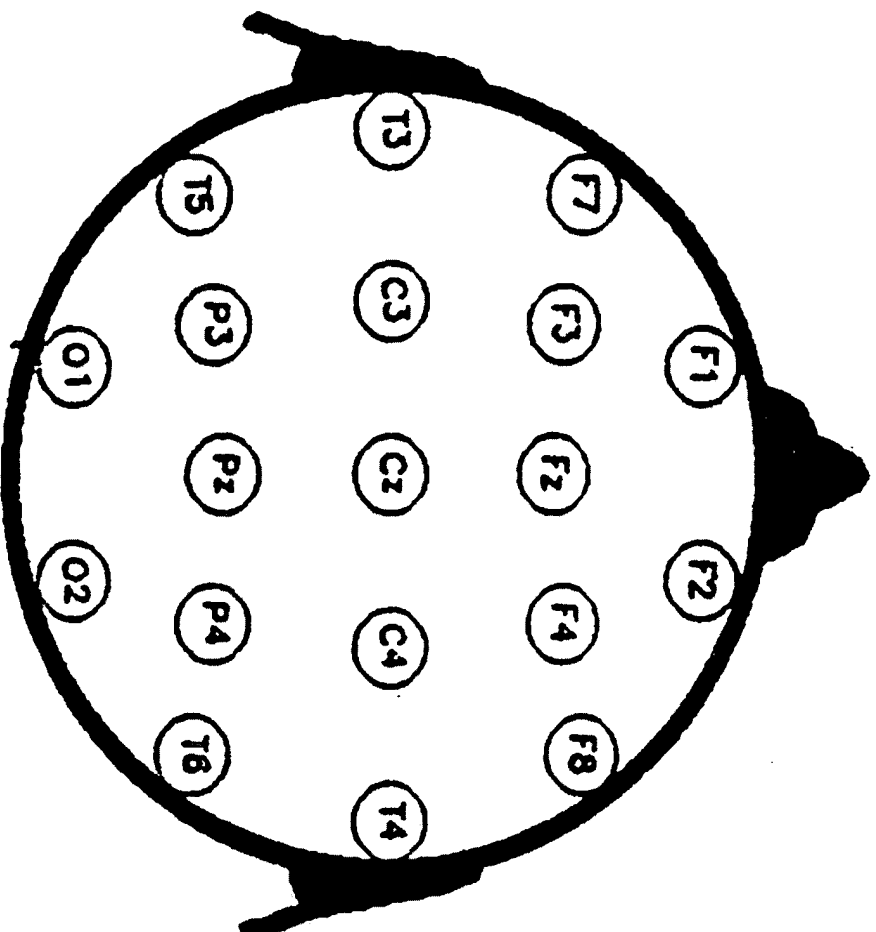


Figure 13A. Lateral Photomicrographs of Control and Laser Treated Crystals of Betaine Hydrochloride.

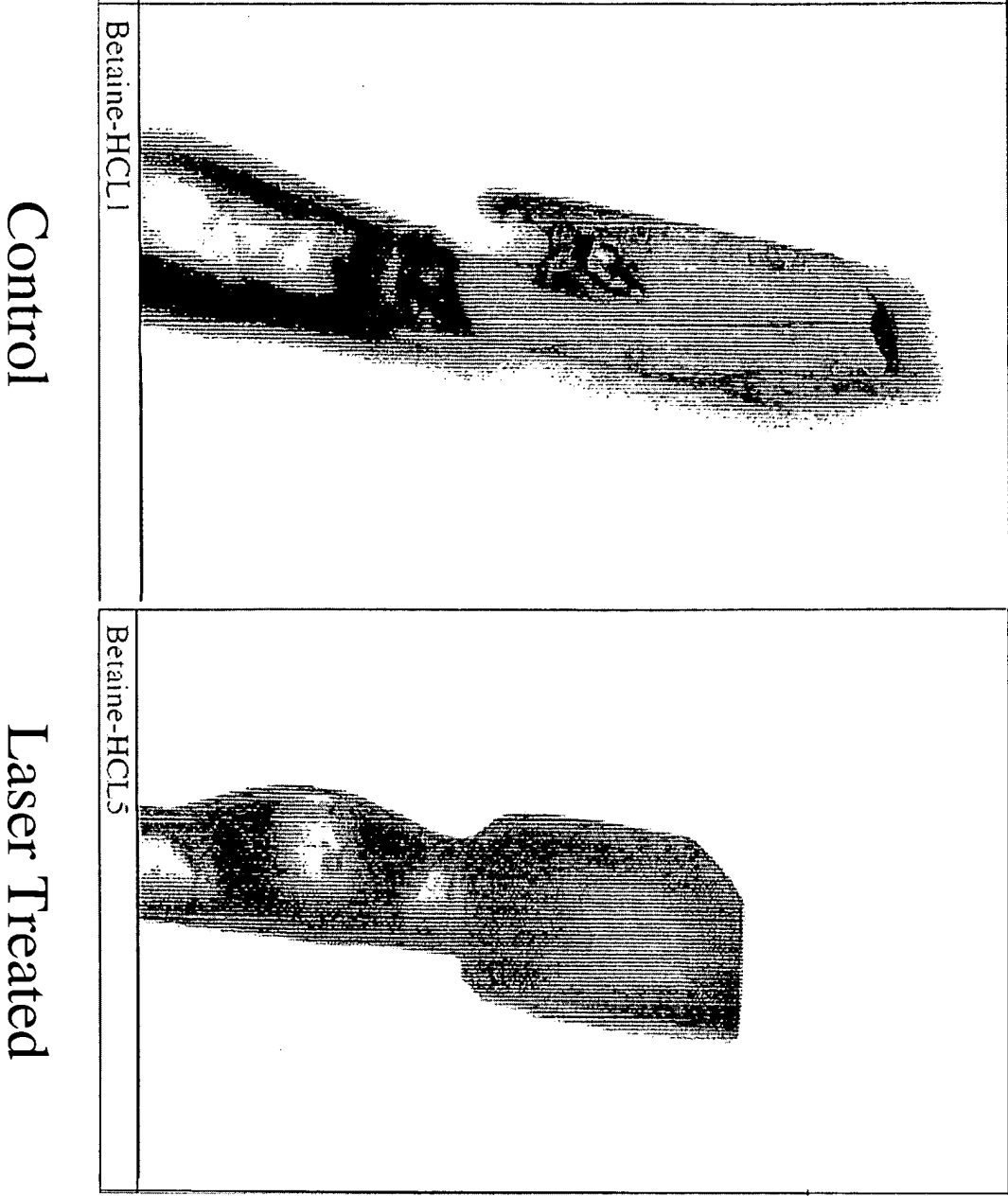
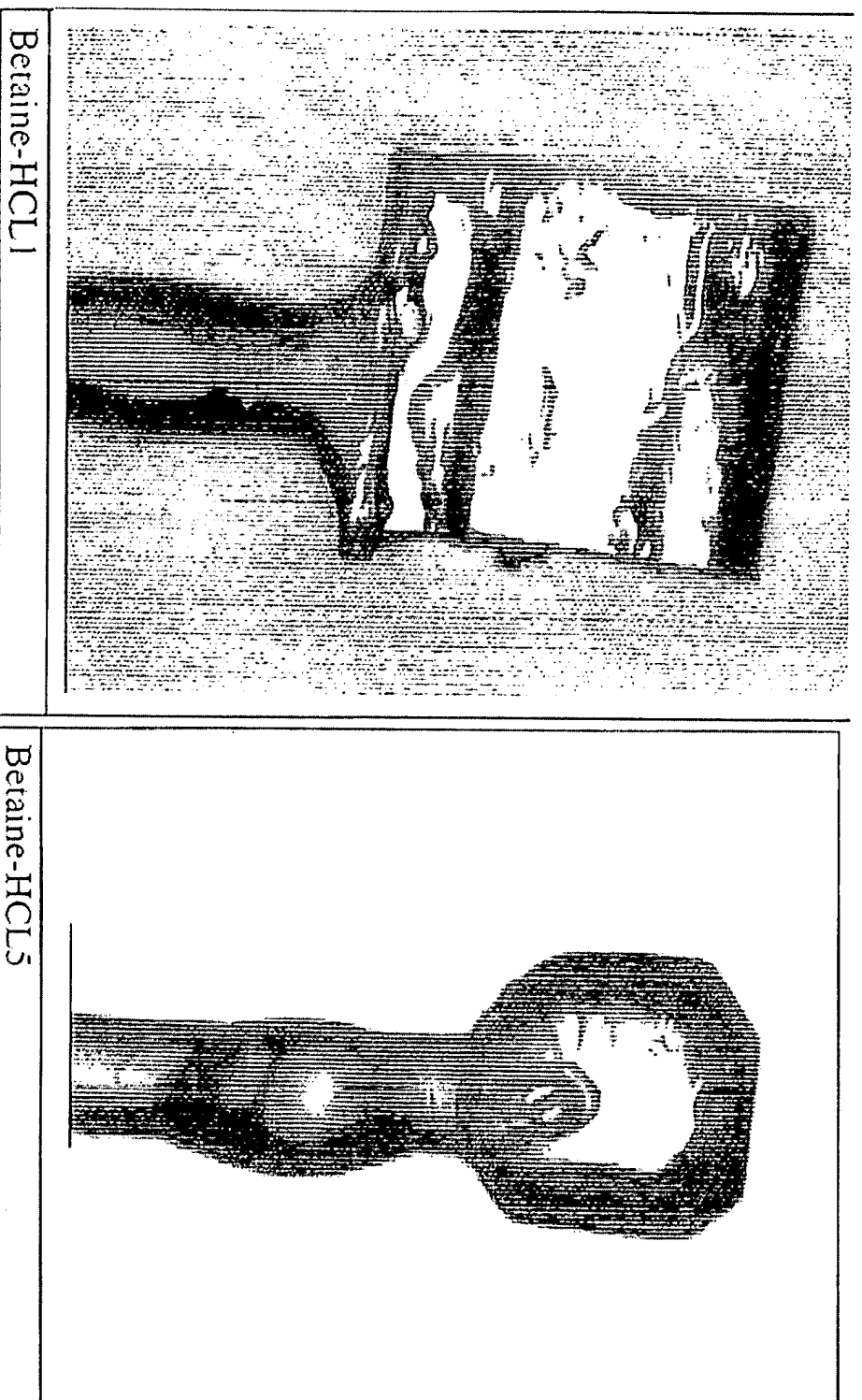


Figure 13B. Frontal Photomicrographs of Control and Laser Treated Crystals of Betaine Hydrochloride.



Control

Laser Treated

Figure 13C. Intermolecular Hydrogen Bonding Pattern for Control Crystal of Betaine Hydrochloride.

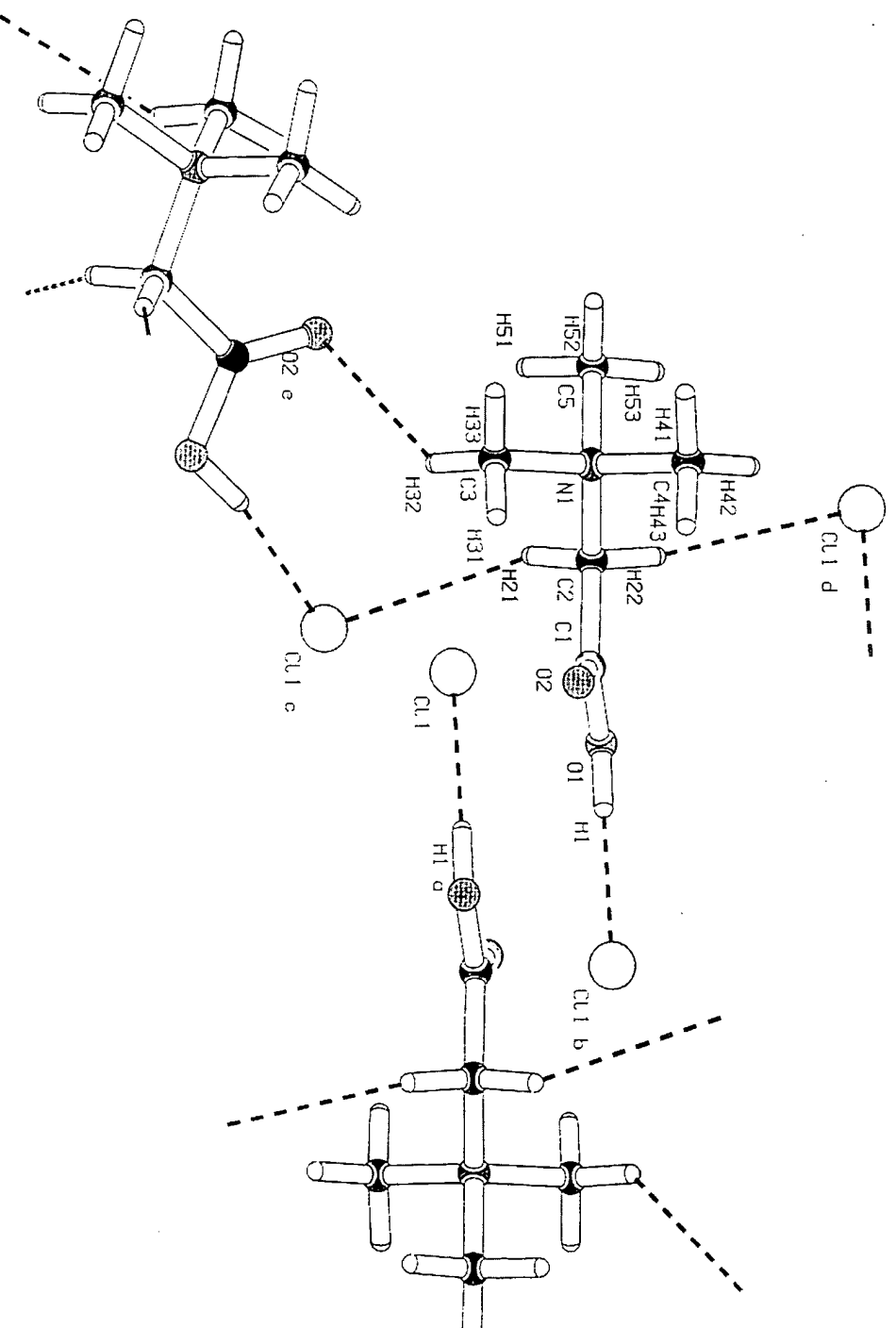


Figure 13D. Intermolecular Hydrogen Bonding Pattern for Laser Treated Crystal of Betaine Hydrochloride.

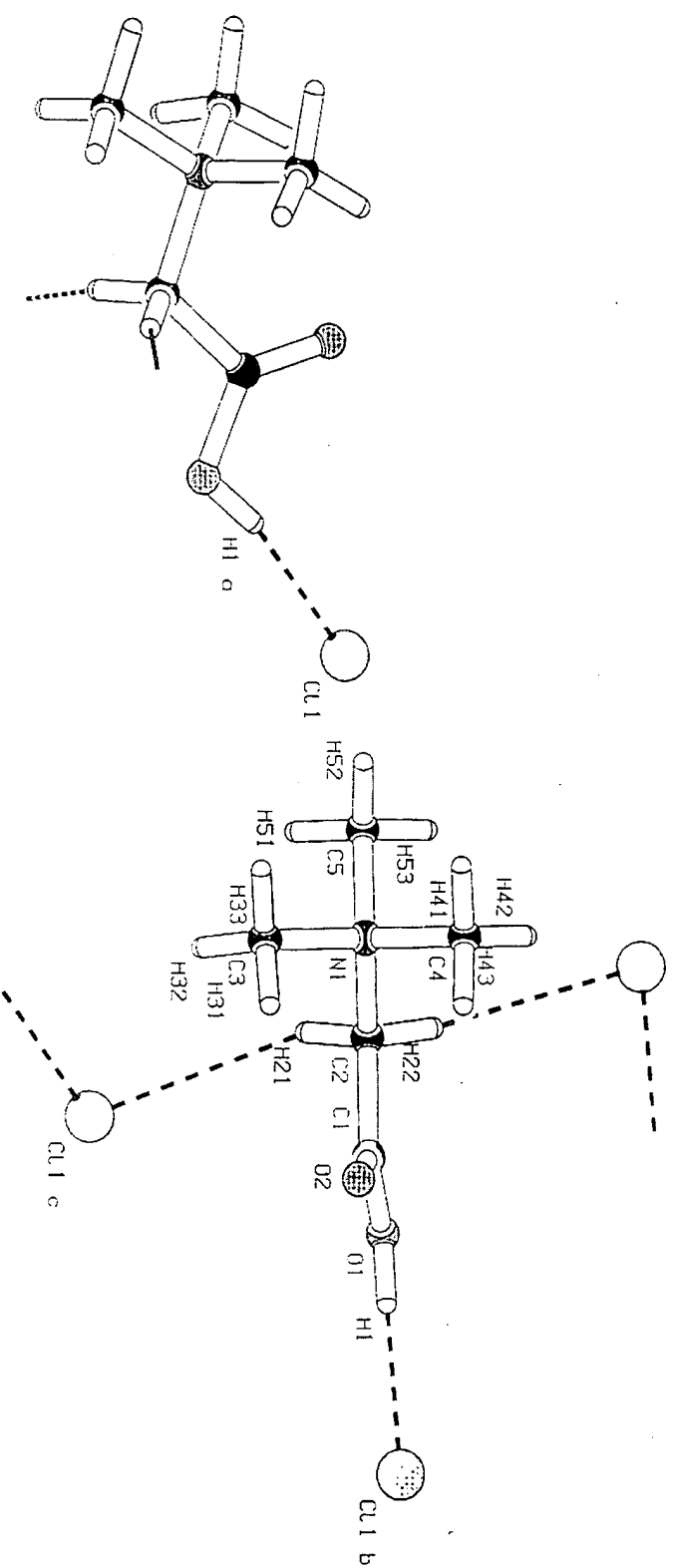


Figure 13E. X-ray Crystallographic Results for the Molecular Structure of Control Betaine Hydrochloride as Dashed Lines and for Laser Treated Betaine Hydrochloride as Solid Lines.

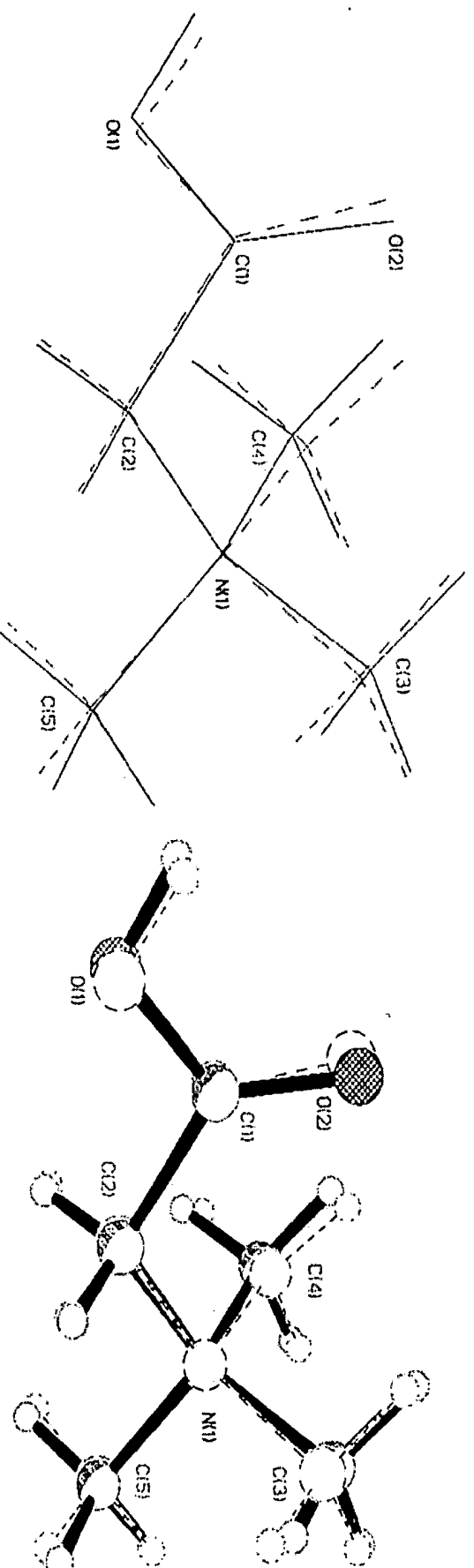


Figure 14A. Methyl Group Transfer Metabolic Pathways.

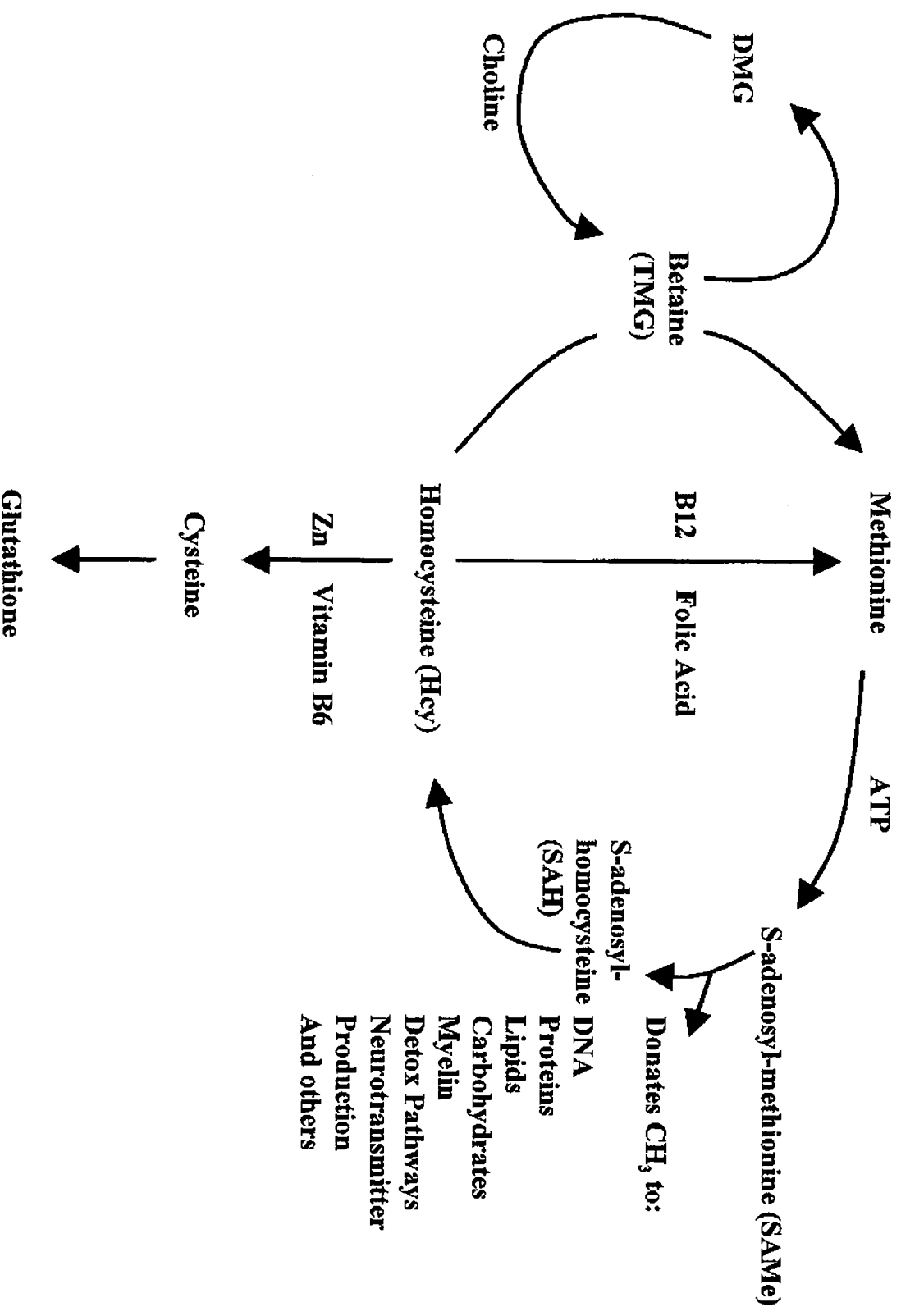
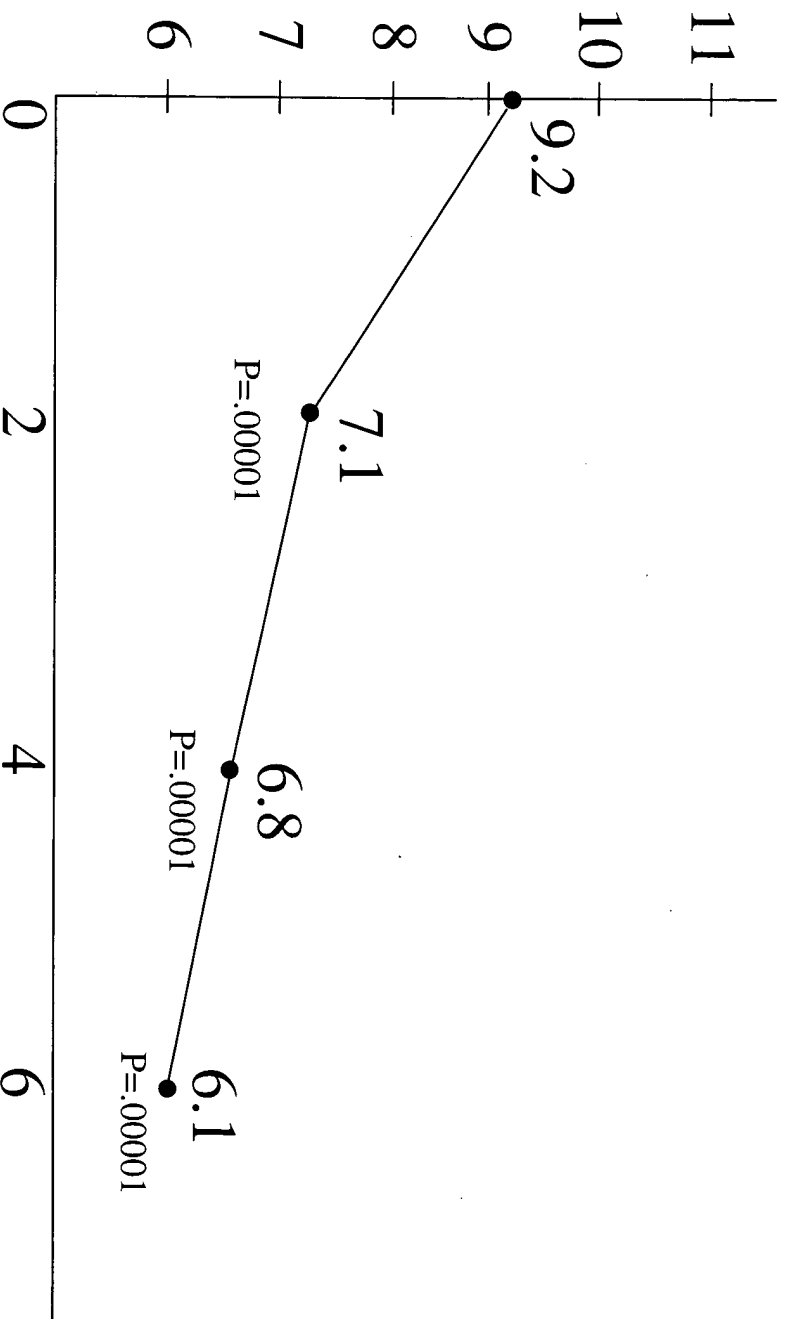


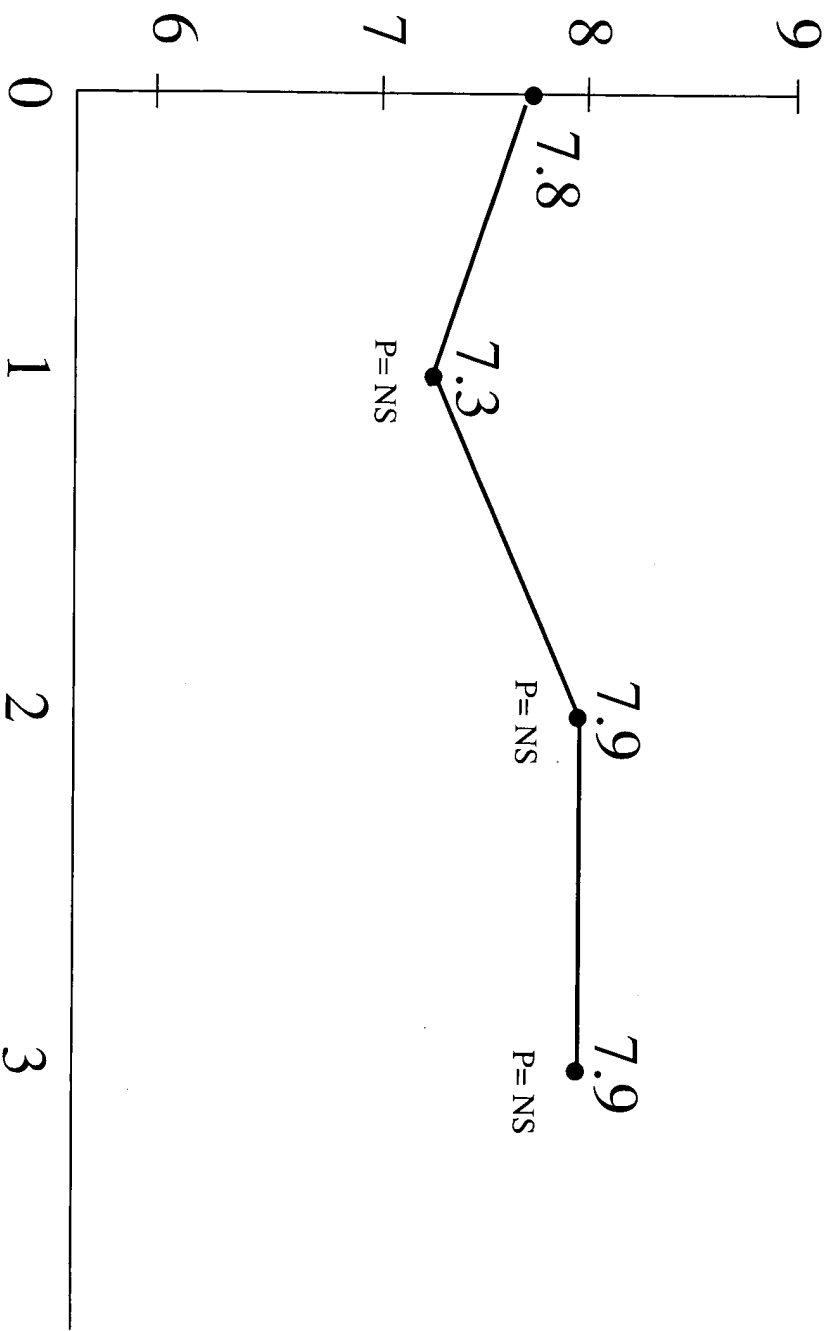


Figure 14B. Methylation Formula Study  
Dose Response Curve  
Homocysteine Level- Treatment Group (n=22)



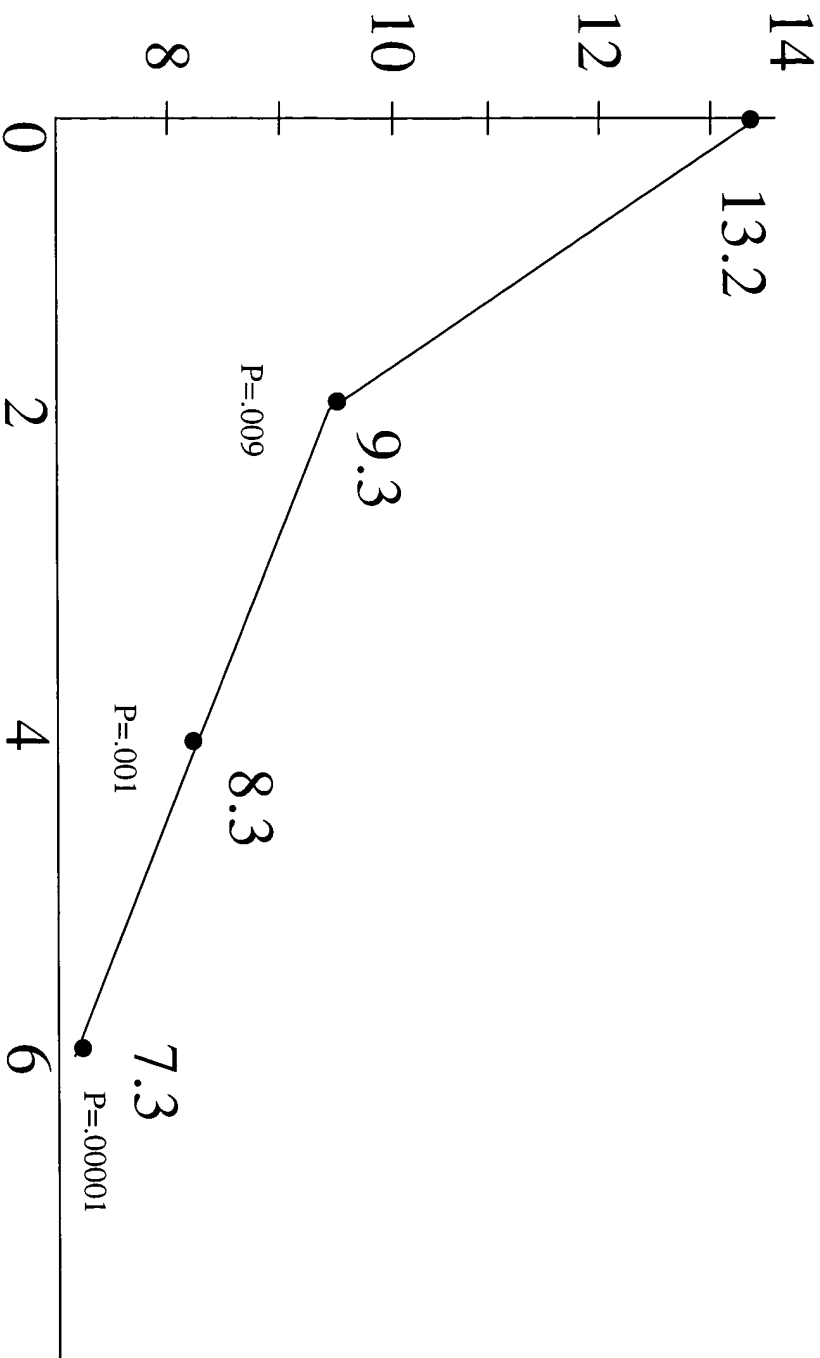
Grams of Activated Betaine Plus Cofactors

Figure 14C. Methylation Formula Study  
Dose Response Curve  
Homocysteine Level- Placebo Group (n=11)



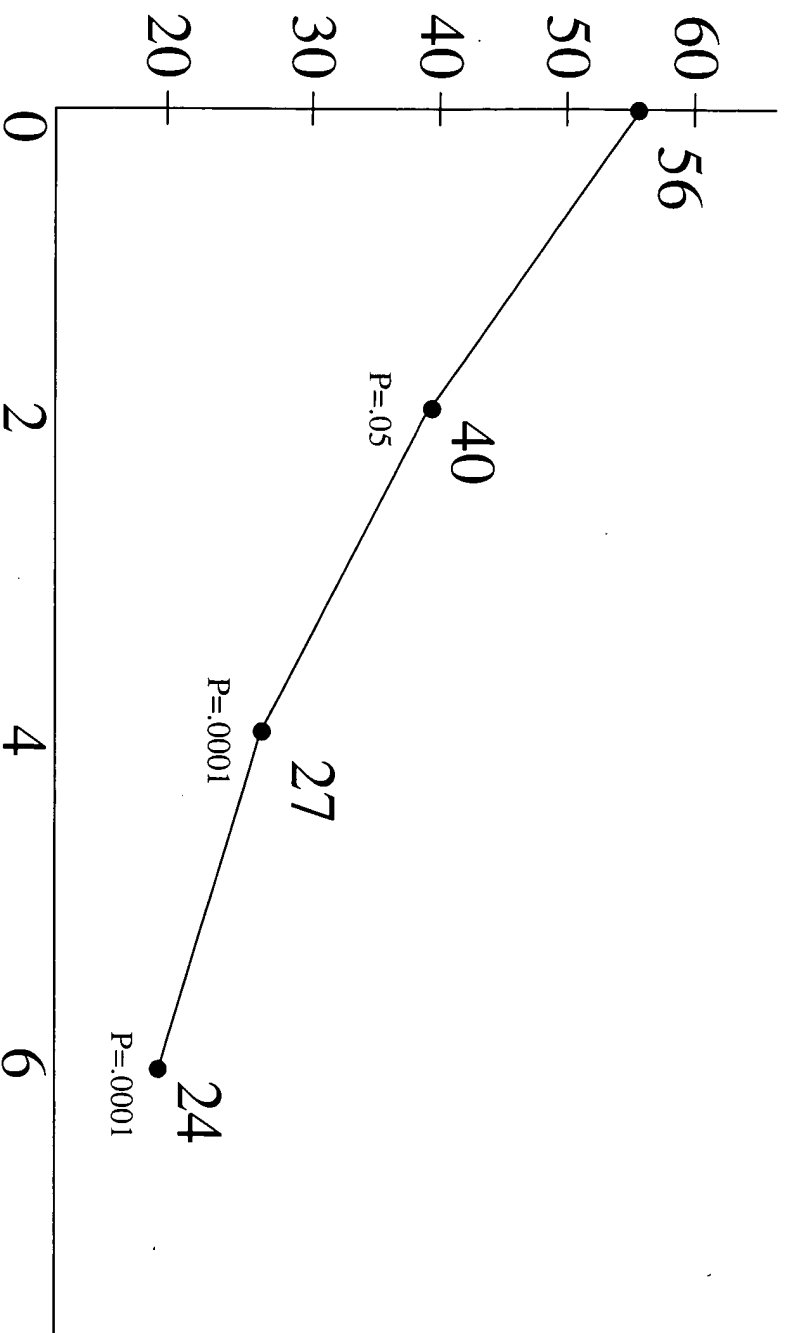
Placebo Control Group Months 0-3

Figure 14D. Methylation Formula Study  
Dose Response Curve  
Homocysteine Level- Treatment Group for subjects with  
Baseline Homocysteine Level  $\geq 10$  (n=7)



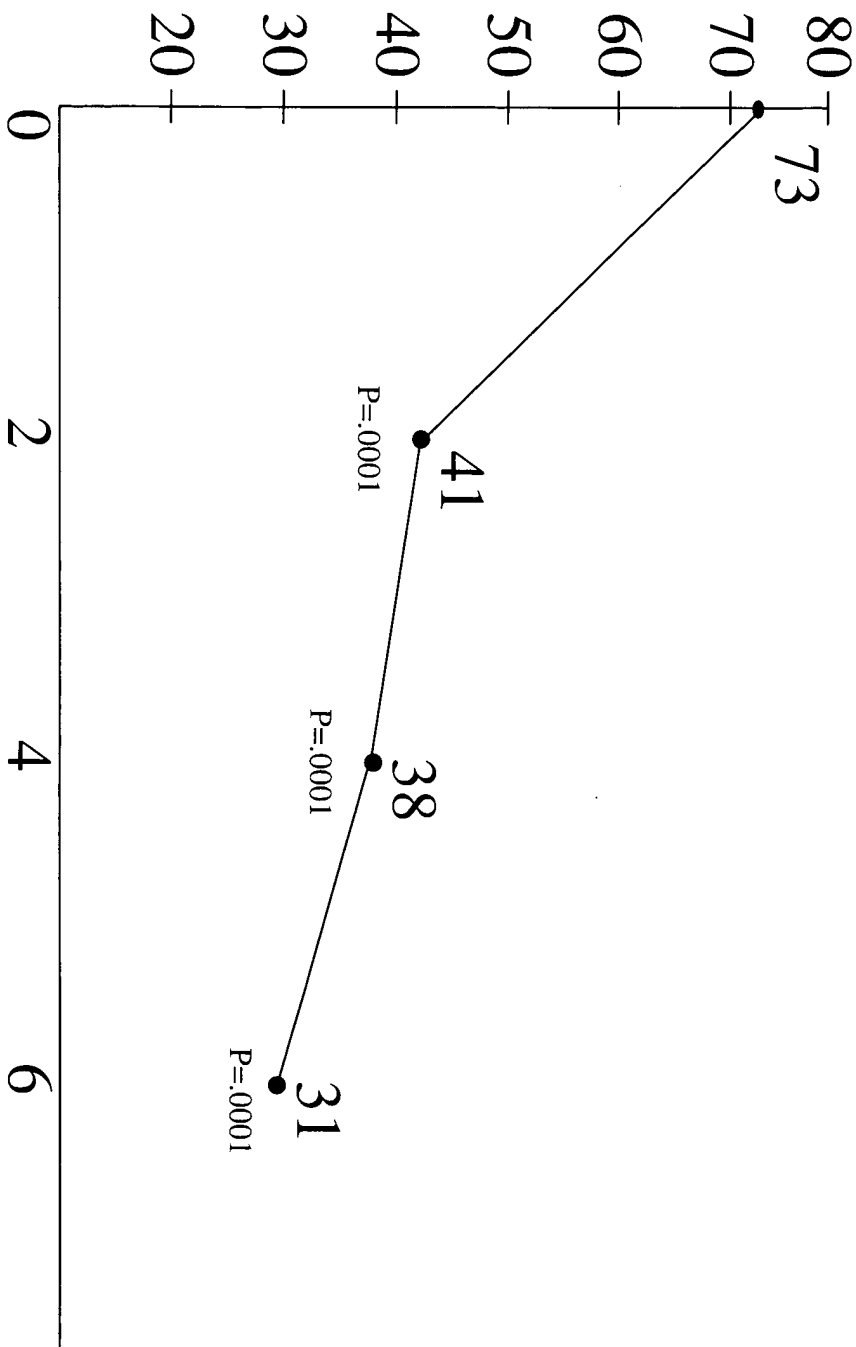
Grams of Activated Betaine Plus Cofactors

Figure 14E. Methylation Formula Study  
Dose Response Curve  
Anxiety scale (n=23)



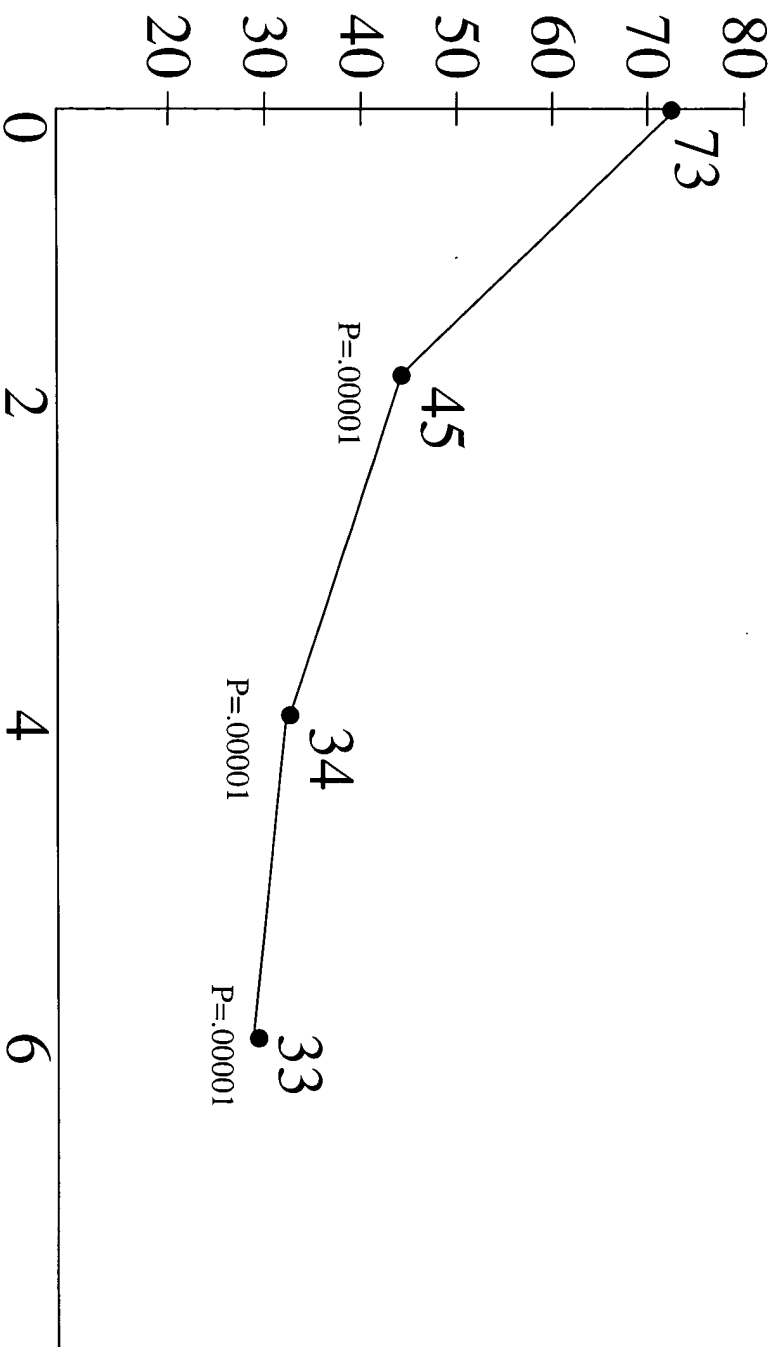
Grams of Activated Betaine Plus Cofactors

Figure 14F. Methylation Formula Study  
Dose Response Curve  
Somatization Scale (n=23)



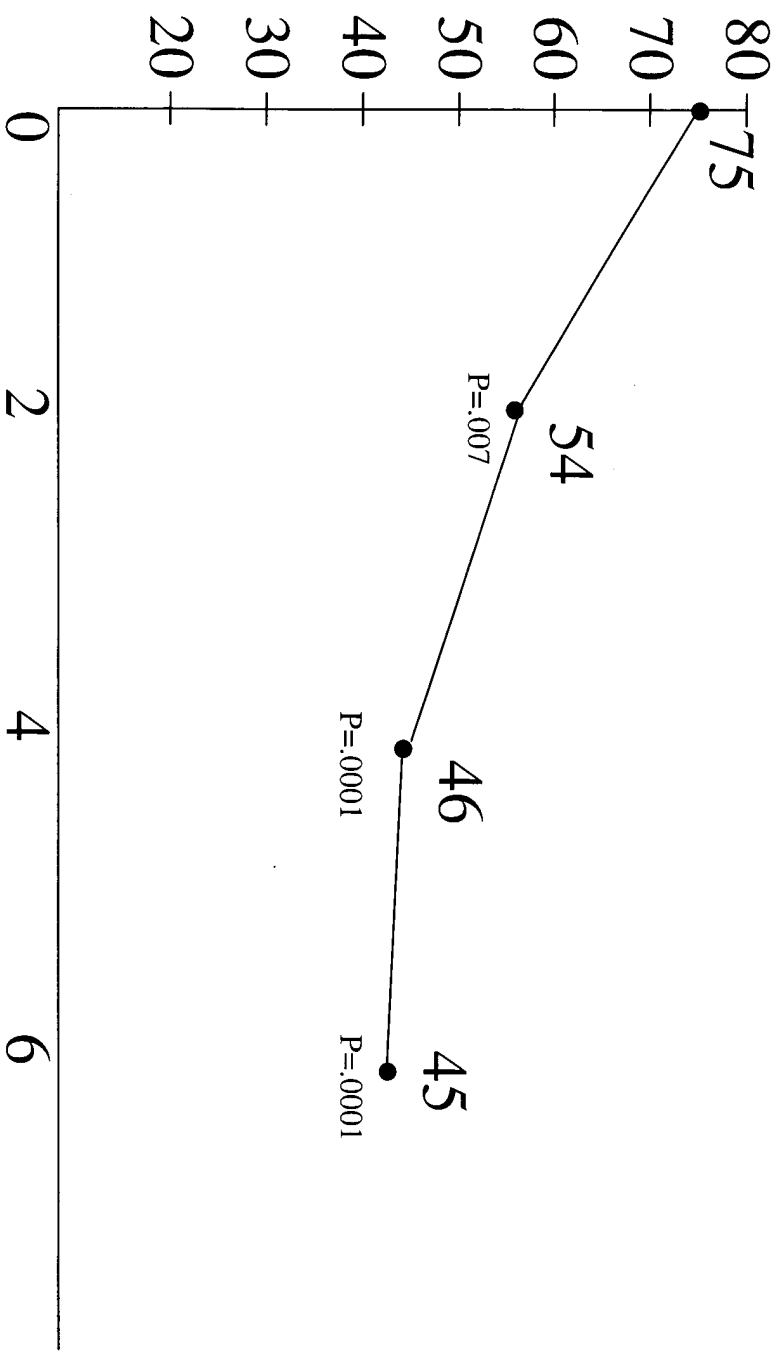
Grams of Activated Betaine Plus Cofactors

Figure 14G. Methylation Formula Study  
Dose Response Curve  
Obsessive Compulsive Scale (n=23)



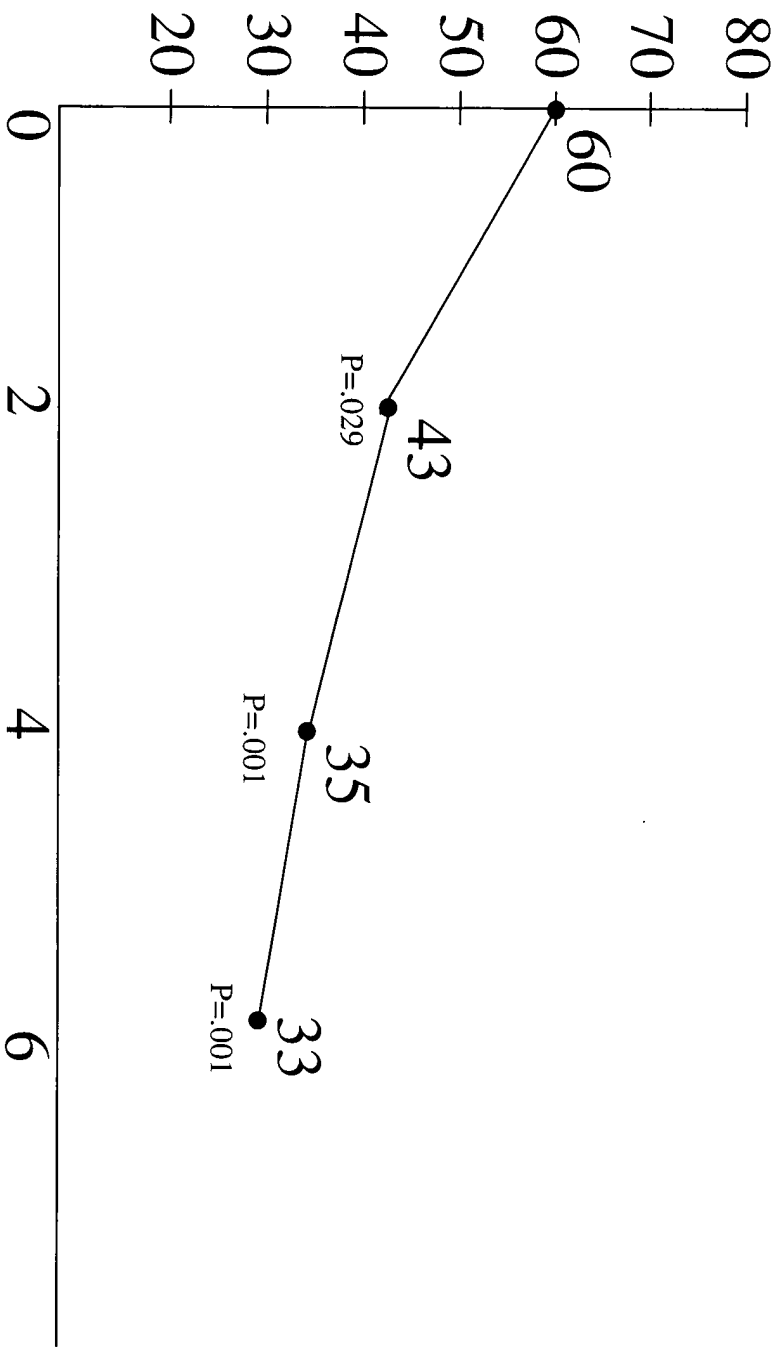
Grams of Activated Betaine Plus Cofactors

Figure 14H. Methylation Formula Study  
Dose Response Curve  
Depression Scale (n=25)



Grams of Activated Betaine Plus Cofactors

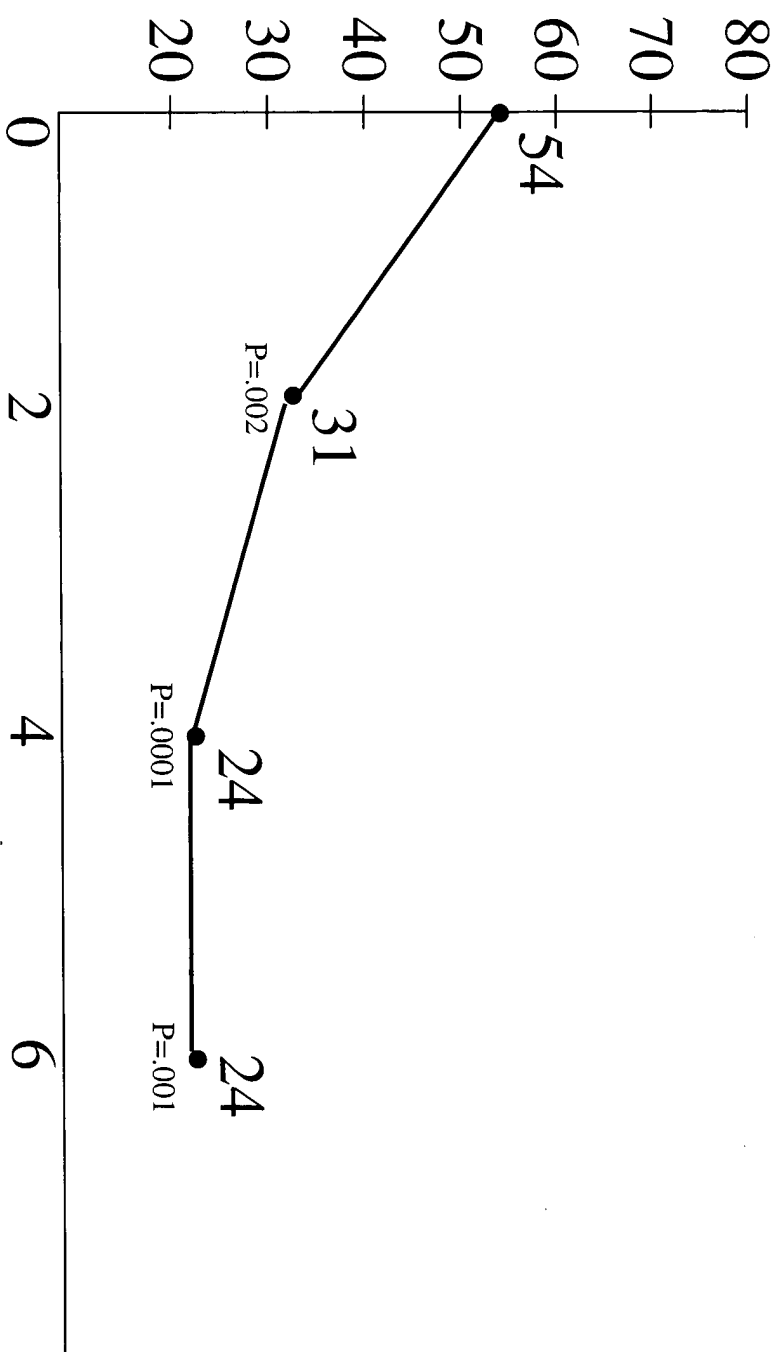
Figure 14I. Methylation Formula Study  
Dose Response Curve  
Paranoia Scale (n=25)



Grams of Activated Betaine Plus Cofactors

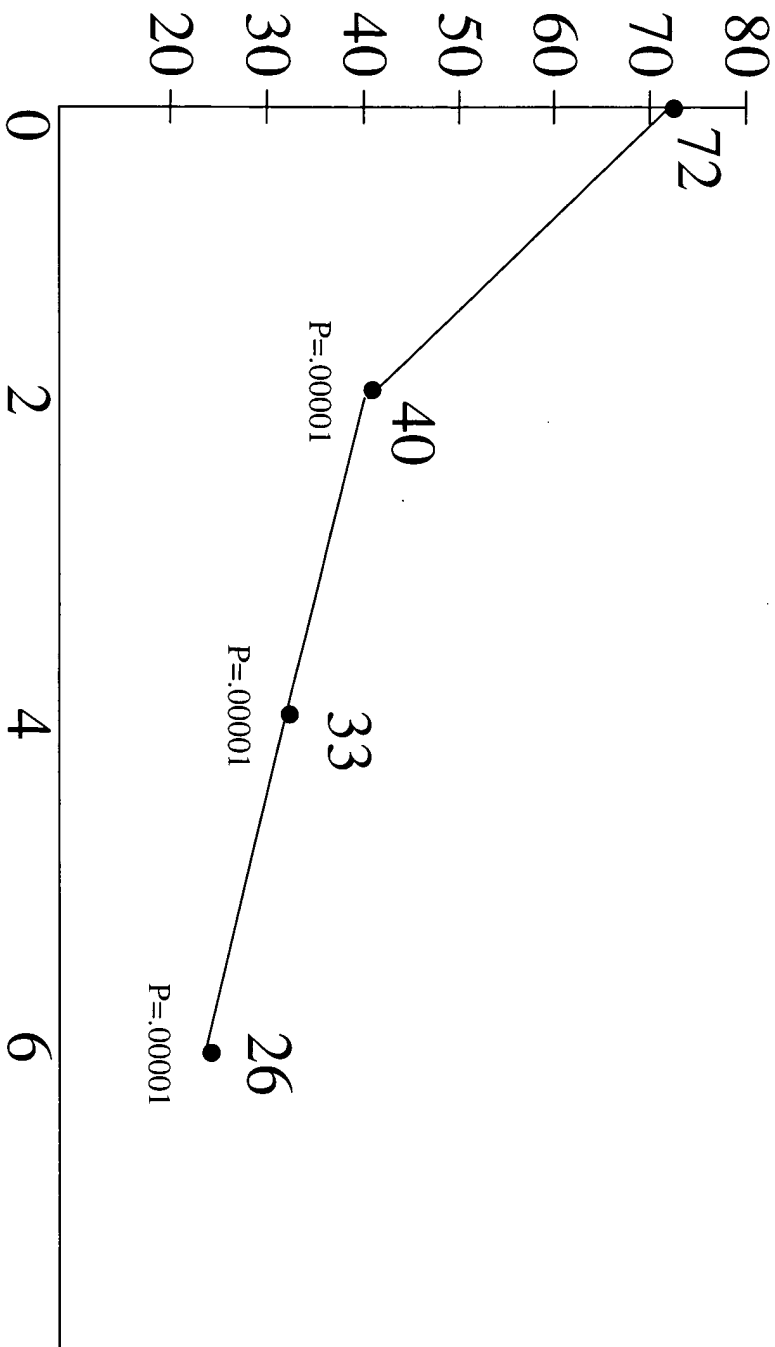


Figure 14J. Methylation Formula Study  
Dose Response Curve  
Hostility Scale (n=25)



Grams of Activated Betaine Plus Cofactors

Figure 14K. Methylation Formula Study  
Dose Response Curve  
Global Severity Index (n=25)



Grams of Activated Betaine Plus Cofactors